

Date: 11/4/2012

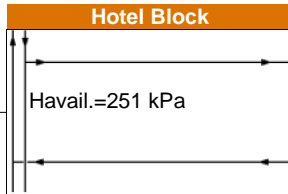
Project: MGM Vietnam

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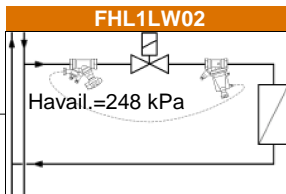
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Pipe: 500 (20"); 660 m; Dp=12.5 kPa; Linear Dp=18 Pa/m (** Generic Steel Pipes **)



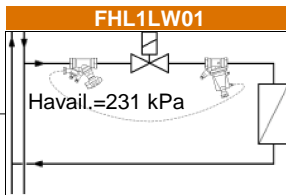
208.58 l/s; Hmin=251 kPa

Pipe: 250 (10"); 8 m; Dp=3.63 kPa; Linear Dp=432 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.057 kPa



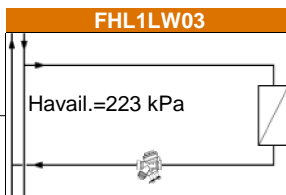
dont have Kvs
0.4 l/s; Hmin=33.7 kPa
TU: Dp=4.29 kPa
Pipe: 25 (1"); 2 m; Dp=0.545 kPa; Linear Dp=259 Pa/m (** Generic Steel Pipes **)
Tee; Dp=12 kPa
MV: STAD 25; Dp=4.95 kPa; Presetting=2.85 turns
DpC: STAP 25; DpL=10 kPa
CV: Kvs=6.4; Dp=5.05 kPa

Pipe: 250 (10"); 37 m; Dp=16.7 kPa; Linear Dp=430 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.057 kPa



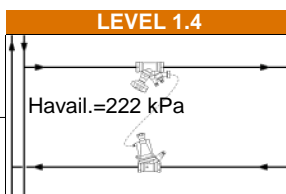
0.4 l/s; Hmin=33.6 kPa
TU: Dp=4.29 kPa
Pipe: 25 (1"); 2 m; Dp=0.545 kPa; Linear Dp=259 Pa/m (** Generic Steel Pipes **)
Tee; Dp=12 kPa
MV: STAD 25; Dp=4.95 kPa; Presetting=2.85 turns
DpC: STAP 25; DpL=10 kPa
CV: Kvs=6.4; Dp=5.05 kPa

Pipe: 250 (10"); 17 m; Dp=7.65 kPa; Linear Dp=429 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.023 kPa



dont have kvs
0.16 l/s; Hmin=45.6 kPa
TU: Dp=20.6 kPa
Pipe: 20 (3/4"); 15 m; Dp=2.4 kPa; Linear Dp=153 Pa/m (** Generic Steel Pipes **)
Tee; Dp=6.96 kPa
CV: TBV-CMP 20 NF; Presetting=8.36; Dp=15.6 kPa

Pipe: 250 (10"); 2 m; Dp=0.899 kPa; Linear Dp=428 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.084 kPa

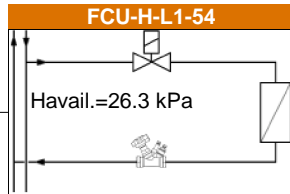


0.59 l/s; Hmin=36.2 kPa
MV: STAD 32; Dp=3 kPa; Presetting=3.60 turns
DpC: STAP 32; DpL=27 kPa

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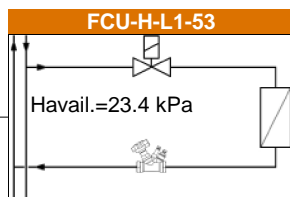
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Pipe: 32 (1 1/4"); 5 m; Dp=0.706 kPa; Linear Dp=135 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.076 kPa



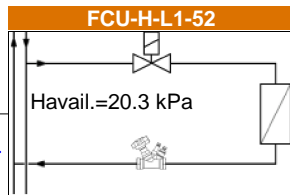
dont have kvs
 0.09 l/s; Hmin=12.5 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.576 kPa; Linear Dp=54.9 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.382 kPa
 BV: STAD 20; Dp=16.8 kPa; Presetting=1.04 turns
 CV: Kvs=2.6; Dp=1.55 kPa

Pipe: 25 (1"); 7 m; Dp=2.87 kPa; Linear Dp=391 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.416 kPa



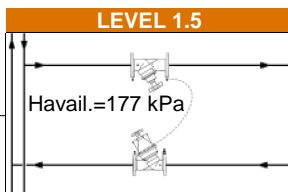
dont have kvs
 0.25 l/s; Hmin=20.6 kPa
 TU: Dp=12 kPa
 Pipe: 20 (3/4"); 5 m; Dp=1.8 kPa; Linear Dp=343 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.82 kPa
 BV: STAD 20; Dp=5.82 kPa; Presetting=2.93 turns
 CV: Kvs=6.4; Dp=1.97 kPa

Pipe: 20 (3/4"); 8 m; Dp=2.88 kPa; Linear Dp=343 Pa/m (** Generic Steel Pipes **)



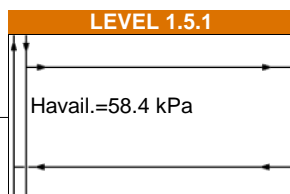
dont have kvs
 0.25 l/s; Hmin=20.3 kPa
 TU: Dp=12 kPa
 Pipe: 20 (3/4"); 8 m; Dp=2.88 kPa; Linear Dp=343 Pa/m (** Generic Steel Pipes **)
 Elbow 90°; Dp=0.465 kPa
 BV: STAD 20; Dp=3 kPa; Presetting=3.74 turns
 CV: Kvs=6.4; Dp=1.97 kPa

Pipe: 250 (10"); 101 m; Dp=45.1 kPa; Linear Dp=426 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.04 kPa



7.63 l/s; Hmin=91.2 kPa
 MV: STAF 80; Dp=5.23 kPa; Presetting=8.00* turns
 DpC: STAP 80; DpL=61 kPa

Pipe: 80 (3"); 9 m; Dp=2.63 kPa; Linear Dp=279 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.509 kPa

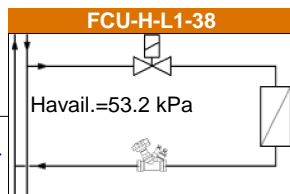


1.2 l/s; Hmin=58.4 kPa

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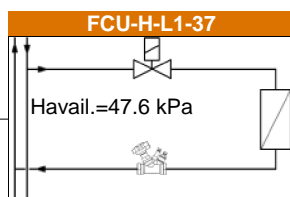
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Pipe: 40 (1 1/2"); 21 m; Dp=5.16 kPa; Linear Dp=234 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.381 kPa



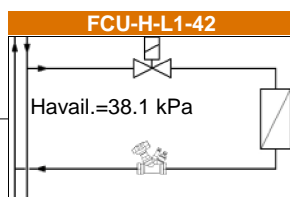
0.37 l/s; Hmin=42.1 kPa
 TU: Dp=15 kPa
 Pipe: 20 (3/4"); 19 m; Dp=14.1 kPa; Linear Dp=706 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=3.23 kPa
 BV: STAD 20; Dp=16.6 kPa; Presetting=2.72 turns
 CV: Kvs=6.4; Dp=4.32 kPa

Pipe: 32 (1 1/4"); 21 m; Dp=5.55 kPa; Linear Dp=252 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.375 kPa



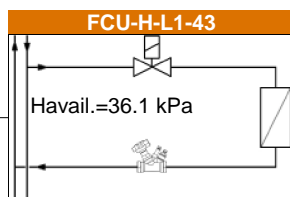
0.37 l/s; Hmin=11.1 kPa
 TU: Dp=4.29 kPa
 Pipe: 25 (1"); 2 m; Dp=0.472 kPa; Linear Dp=225 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.61 kPa
 BV: STAD 25; Dp=39.5 kPa; Presetting=1.51 turns
 CV: Kvs=10; Dp=1.77 kPa

Pipe: 25 (1"); 27 m; Dp=9.51 kPa; Linear Dp=335 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.073 kPa



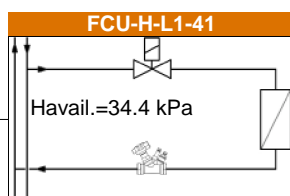
0.03 l/s; Hmin=6.5 kPa
 TU: Dp=3 kPa
 Pipe: 20 (3/4"); 12 m; Dp=0.071 kPa; Linear Dp=5.63 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.256 kPa
 BV: STAD 15/14; Dp=34.6 kPa; Presetting=0.81 turns
 CV: Kvs=2.6; Dp=0.172 kPa

Pipe: 25 (1"); 6 m; Dp=1.87 kPa; Linear Dp=296 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.068 kPa



0.03 l/s; Hmin=6.5 kPa
 TU: Dp=3 kPa
 Pipe: 20 (3/4"); 14 m; Dp=0.083 kPa; Linear Dp=5.63 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.246 kPa
 BV: STAD 15/14; Dp=32.6 kPa; Presetting=0.84 turns
 CV: Kvs=2.6; Dp=0.172 kPa

Pipe: 25 (1"); 6 m; Dp=1.63 kPa; Linear Dp=259 Pa/m (** Generic Steel Pipes **)

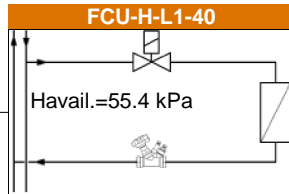


0.4 l/s; Hmin=12.6 kPa
 TU: Dp=4.29 kPa
 Pipe: 25 (1"); 10 m; Dp=2.72 kPa; Linear Dp=259 Pa/m (** Generic Steel Pipes **)
 Elbow 90°; Dp=0.473 kPa
 BV: STAD 25; Dp=24.9 kPa; Presetting=1.77 turns
 CV: Kvs=10; Dp=2.07 kPa

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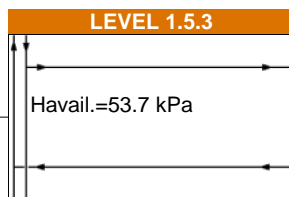
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Pipe: 80 (3"); 12 m; Dp=2.54 kPa; Linear Dp=202 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.113 kPa



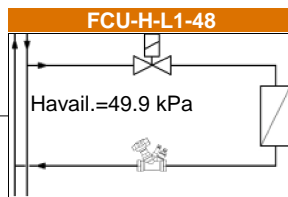
0.25 l/s; Hmin=23.9 kPa
 TU: Dp=11 kPa
 Pipe: 20 (3/4"); 16 m; Dp=5.76 kPa; Linear Dp=343 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=2.14 kPa
 BV: STAD 20; Dp=34.5 kPa; Presetting=1.76 turns
 CV:Kvs=6.4; Dp=1.97 kPa

Pipe: 80 (3"); 8 m; Dp=1.57 kPa; Linear Dp=187 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.333 kPa



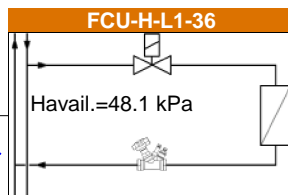
0.97 l/s; Hmin=53.7 kPa

Pipe: 40 (1 1/2"); 23 m; Dp=3.82 kPa; Linear Dp=158 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.281 kPa



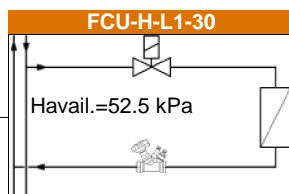
0.45 l/s; Hmin=39.6 kPa
 TU: Dp=23.7 kPa
 Pipe: 25 (1"); 12 m; Dp=4.06 kPa; Linear Dp=322 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.98 kPa
 BV: STAD 25; Dp=13.8 kPa; Presetting=2.22 turns
 CV:Kvs=6.4; Dp=6.4 kPa

Pipe: 25 (1"); 4 m; Dp=1.77 kPa; Linear Dp=421 Pa/m (** Generic Steel Pipes **)



0.52 l/s; Hmin=39 kPa
 TU: Dp=23.3 kPa
 Pipe: 25 (1"); 4 m; Dp=1.77 kPa; Linear Dp=421 Pa/m (** Generic Steel Pipes **)
 Elbow 90°; Dp=0.799 kPa
 BV: STAD 25; Dp=13.7 kPa; Presetting=2.43 turns
 CV:Kvs=6.4; Dp=8.54 kPa

Pipe: 80 (3"); 6 m; Dp=0.857 kPa; Linear Dp=136 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.175 kPa

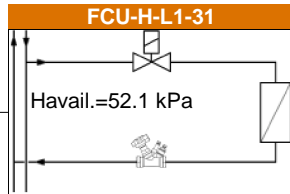


0.52 l/s; Hmin=47.4 kPa
 TU: Dp=23.3 kPa
 Pipe: 25 (1"); 18 m; Dp=7.95 kPa; Linear Dp=421 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=2.99 kPa
 BV: STAD 25; Dp=9.72 kPa; Presetting=2.71 turns
 CV:Kvs=6.4; Dp=8.54 kPa

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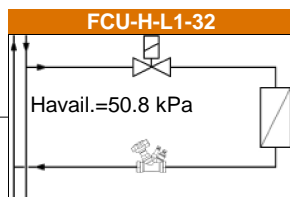
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Pipe: 80 (3"); 2 m; Dp=0.235 kPa; Linear Dp=112 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.154 kPa



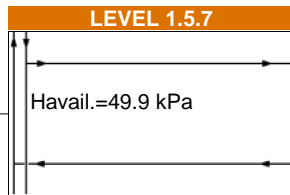
0.52 l/s; Hmin=41.5 kPa
TU: Dp=23.3 kPa
Pipe: 25 (1"); 5 m; Dp=2.21 kPa; Linear Dp=421 Pa/m (** Generic Steel Pipes **)
Tee; Dp=2.83 kPa
BV: STAD 25; Dp=15.2 kPa; Presetting=2.35 turns
CV:Kvs=6.4; Dp=8.54 kPa

Pipe: 65 (2 1/2"); 6 m; Dp=1.26 kPa; Linear Dp=200 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.25 kPa



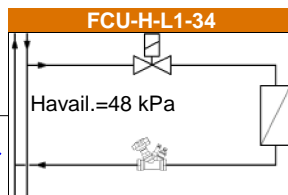
0.52 l/s; Hmin=41.3 kPa
TU: Dp=23.3 kPa
Pipe: 25 (1"); 4 m; Dp=1.77 kPa; Linear Dp=421 Pa/m (** Generic Steel Pipes **)
Tee; Dp=3.12 kPa
BV: STAD 25; Dp=14.1 kPa; Presetting=2.40 turns
CV:Kvs=6.4; Dp=8.54 kPa

Pipe: 65 (2 1/2"); 4 m; Dp=0.654 kPa; Linear Dp=156 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.515 kPa



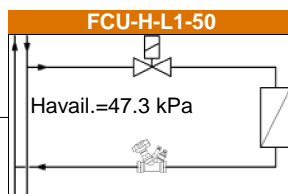
1.42 l/s; Hmin=49.9 kPa

Pipe: 50 (2"); 18 m; Dp=1.87 kPa; Linear Dp=98.7 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.218 kPa



0.52 l/s; Hmin=43.4 kPa
TU: Dp=23.3 kPa
Pipe: 25 (1"); 11 m; Dp=4.86 kPa; Linear Dp=421 Pa/m (** Generic Steel Pipes **)
Tee; Dp=2.1 kPa
BV: STAD 25; Dp=9.25 kPa; Presetting=2.75 turns
CV:Kvs=6.4; Dp=8.54 kPa

Pipe: 40 (1 1/2"); 5 m; Dp=0.723 kPa; Linear Dp=138 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.242 kPa

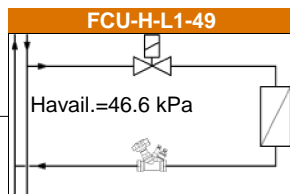


0.45 l/s; Hmin=38.1 kPa
TU: Dp=23.7 kPa
Pipe: 25 (1"); 8 m; Dp=2.71 kPa; Linear Dp=322 Pa/m (** Generic Steel Pipes **)
Tee; Dp=1.87 kPa
BV: STAD 25; Dp=12.7 kPa; Presetting=2.28 turns
CV:Kvs=6.4; Dp=6.4 kPa

Date: 11/4/2012

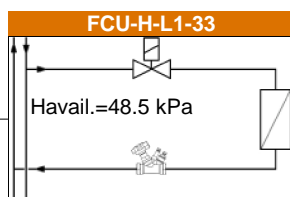
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Pipe: 25 (1"); 2 m; Dp=0.676 kPa; Linear Dp=322 Pa/m (** Generic Steel Pipes **)



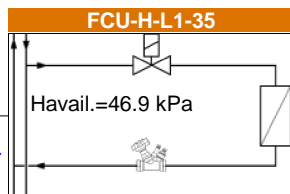
0.45 l/s; Hmin=34.8 kPa
 TU: Dp=23.7 kPa
 Pipe: 25 (1"); 2 m; Dp=0.676 kPa; Linear Dp=322 Pa/m (** Generic Steel Pipes **)
 Elbow 90°; Dp=0.599 kPa
 BV: STAD 25; Dp=15.3 kPa; Presetting=2.16 turns
 CV:Kvs=6.4; Dp=6.4 kPa

Pipe: 50 (2"); 6 m; Dp=1.43 kPa; Linear Dp=227 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.367 kPa



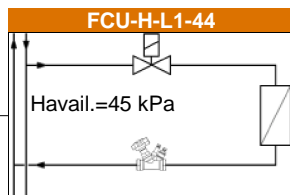
0.52 l/s; Hmin=42.1 kPa
 TU: Dp=23.3 kPa
 Pipe: 25 (1"); 6 m; Dp=2.65 kPa; Linear Dp=421 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=2.98 kPa
 BV: STAD 25; Dp=11 kPa; Presetting=2.60 turns
 CV:Kvs=6.4; Dp=8.54 kPa

Pipe: 50 (2"); 8 m; Dp=1.17 kPa; Linear Dp=139 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.297 kPa



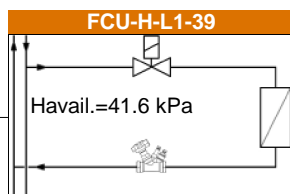
0.52 l/s; Hmin=46.9 kPa
 TU: Dp=23.3 kPa
 Pipe: 25 (1"); 18 m; Dp=7.95 kPa; Linear Dp=421 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=2.54 kPa
 BV: STAD 25; Dp=4.63 kPa; Presetting=4.00 turns
 CV:Kvs=6.4; Dp=8.54 kPa

Pipe: 40 (1 1/2"); 8 m; Dp=1.94 kPa; Linear Dp=230 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.376 kPa



0.37 l/s; Hmin=37.6 kPa
 TU: Dp=15 kPa
 Pipe: 20 (3/4"); 13 m; Dp=9.63 kPa; Linear Dp=706 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=3.21 kPa
 BV: STAD 20; Dp=12.8 kPa; Presetting=2.92 turns
 CV:Kvs=6.4; Dp=4.32 kPa

Pipe: 32 (1 1/4"); 13 m; Dp=3.36 kPa; Linear Dp=246 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.367 kPa

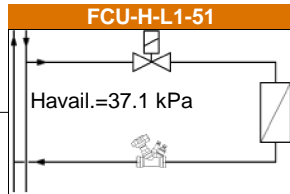


0.37 l/s; Hmin=12.8 kPa
 TU: Dp=3.63 kPa
 Pipe: 25 (1"); 12 m; Dp=2.83 kPa; Linear Dp=225 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.6 kPa
 BV: STAD 25; Dp=31.7 kPa; Presetting=1.60 turns
 CV:Kvs=10; Dp=1.77 kPa

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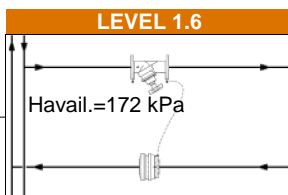
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Pipe: 25 (1"); 13 m; Dp=4.4 kPa; Linear Dp=322 Pa/m (** Generic Steel Pipes **)



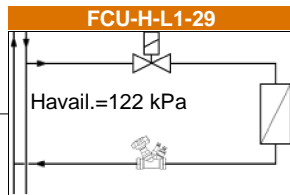
0.45 l/s; Hmin=36.1 kPa
 TU: Dp=23.7 kPa
 Pipe: 25 (1"); 6 m; Dp=2.03 kPa; Linear Dp=322 Pa/m (** Generic Steel Pipes **)
 Elbow 90°; Dp=0.599 kPa
 BV: STAD 25; Dp=4.42 kPa; Presetting=3.34 turns
 CV: Kvs=6.4; Dp=6.4 kPa

Pipe: 250 (10"); 9 m; Dp=3.74 kPa; Linear Dp=396 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=2.79 kPa



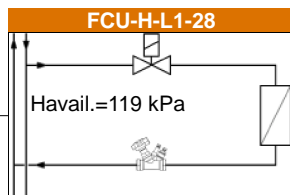
24.59 l/s; Hmin=169 kPa
 MV: STAF 125; Dp=8.69 kPa; Presetting=8.00* turns
 DpC: DA 516 DN125(PN16); DpL=125 kPa

Pipe: 125 (5"); 14 m; Dp=3.46 kPa; Linear Dp=235 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.043 kPa



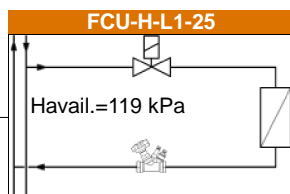
0.16 l/s; Hmin=23.1 kPa
 TU: Dp=9 kPa
 Pipe: 20 (3/4"); 18 m; Dp=2.88 kPa; Linear Dp=153 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=3.35 kPa
 BV: STAD 20; Dp=102 kPa; Presetting=0.58 turns
 CV: Kvs=2.6; Dp=4.9 kPa

Pipe: 125 (5"); 10 m; Dp=2.44 kPa; Linear Dp=233 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.043 kPa



0.16 l/s; Hmin=22.8 kPa
 TU: Dp=9 kPa
 Pipe: 20 (3/4"); 16 m; Dp=2.56 kPa; Linear Dp=153 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=3.32 kPa
 BV: STAD 20; Dp=99.4 kPa; Presetting=0.59 turns
 CV: Kvs=2.6; Dp=4.9 kPa

Pipe: 125 (5"); 2 m; Dp=0.482 kPa; Linear Dp=230 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.0054 kPa

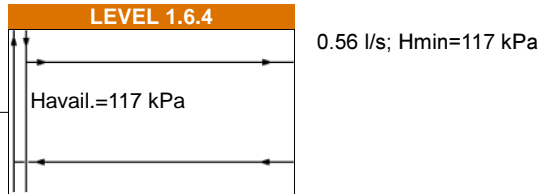


0.02 l/s; Hmin=6.28 kPa
 TU: Dp=3 kPa
 Pipe: 20 (3/4"); 9 m; Dp=0.035 kPa; Linear Dp=3.75 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.164 kPa
 BV: STAD 15/14; Dp=115 kPa; Presetting=0.19 turns
 CV: Kvs=2.6; Dp=0.077 kPa

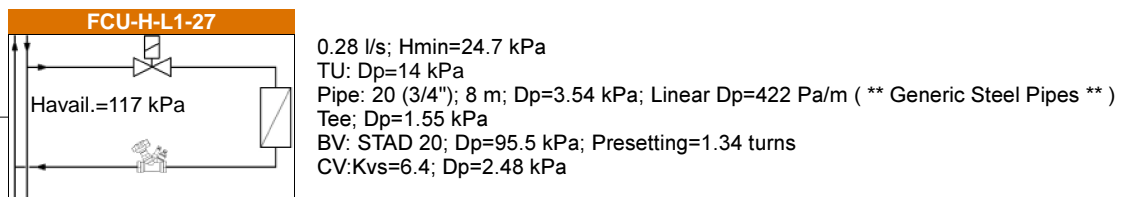
Date: 11/4/2012

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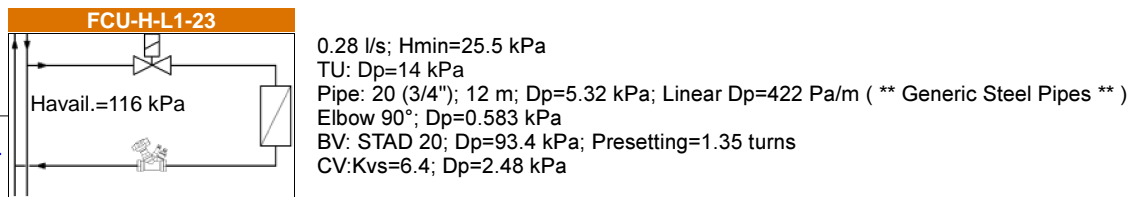
Pipe: 125 (5"); 5 m; Dp=1.2 kPa; Linear Dp=229 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.146 kPa



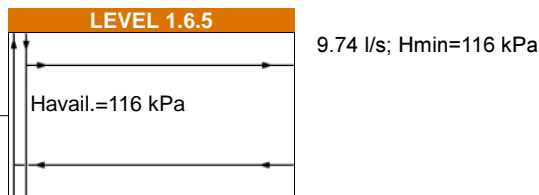
Pipe: 32 (1 1/4"); 3 m; Dp=0.385 kPa; Linear Dp=122 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.172 kPa



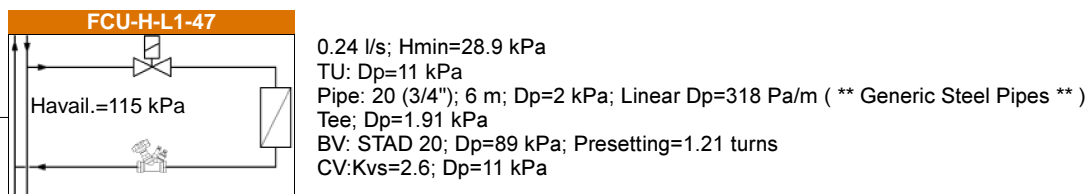
Pipe: 20 (3/4"); 3 m; Dp=1.33 kPa; Linear Dp=422 Pa/m (** Generic Steel Pipes **)



Pipe: 125 (5"); 7 m; Dp=1.61 kPa; Linear Dp=219 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.73 kPa



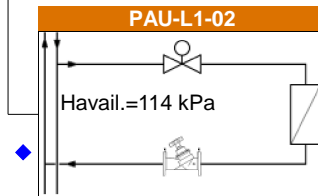
Pipe: 100 (4"); 6 m; Dp=0.75 kPa; Linear Dp=119 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.059 kPa



Date: 11/4/2012

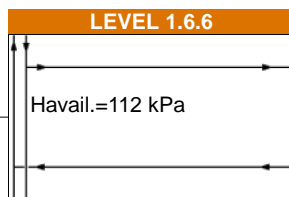
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Pipe: 100 (4"); 6 m; Dp=0.716 kPa; Linear Dp=114 Pa/m (** Generic Steel Pipes **)



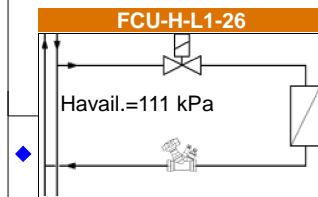
9.5 l/s; Hmin=75.4 kPa
 TU: Dp=38.2 kPa
 Pipe: 100 (4"); 28 m; Dp=3.34 kPa; Linear Dp=114 Pa/m (** Generic Steel Pipes **)
 Elbow 90°; Dp=1.2 kPa
 BV: STAF 100; Dp=42 kPa; Presetting=3.73 turns
 CV: Kvs=63; Dp=29.4 kPa; Auth.=0.24

Pipe: 125 (5"); 28 m; Dp=2.37 kPa; Linear Dp=80.7 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.082 kPa



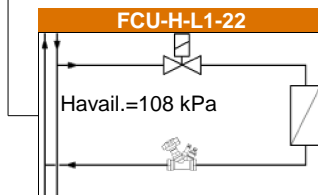
0.56 l/s; Hmin=112 kPa

Pipe: 32 (1 1/4"); 6 m; Dp=0.77 kPa; Linear Dp=122 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.172 kPa



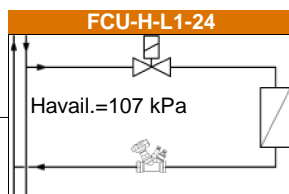
0.28 l/s; Hmin=23.8 kPa
 TU: Dp=14 kPa
 Pipe: 20 (3/4"); 6 m; Dp=2.66 kPa; Linear Dp=422 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.55 kPa
 BV: STAD 20; Dp=90.1 kPa; Presetting=1.37 turns
 CV: Kvs=6.4; Dp=2.48 kPa

Pipe: 20 (3/4"); 6 m; Dp=2.66 kPa; Linear Dp=422 Pa/m (** Generic Steel Pipes **)



0.28 l/s; Hmin=20.6 kPa
 TU: Dp=14 kPa
 Pipe: 20 (3/4"); 1 m; Dp=0.443 kPa; Linear Dp=422 Pa/m (** Generic Steel Pipes **)
 Elbow 90°; Dp=0.583 kPa
 BV: STAD 20; Dp=90.6 kPa; Presetting=1.37 turns
 CV: Kvs=6.4; Dp=2.48 kPa

Pipe: 100 (4"); 18 m; Dp=4.1 kPa; Linear Dp=217 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.209 kPa

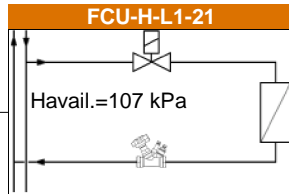


0.64 l/s; Hmin=46.1 kPa
 TU: Dp=26.6 kPa
 Pipe: 32 (1 1/4"); 6 m; Dp=0.983 kPa; Linear Dp=156 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=2.68 kPa
 BV: STAD 32; Dp=64.3 kPa; Presetting=1.41 turns
 CV: Kvs=6.4; Dp=12.9 kPa

Date: 11/4/2012

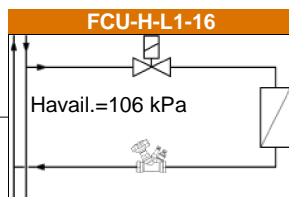
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Pipe: 100 (4"); 2 m; Dp=0.415 kPa; Linear Dp=198 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.078 kPa



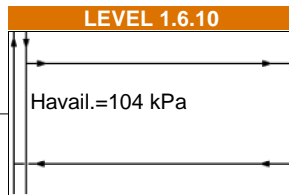
0.24 l/s; Hmin=21 kPa
 TU: Dp=11 kPa
 Pipe: 20 (3/4"); 8 m; Dp=2.67 kPa; Linear Dp=318 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=2.49 kPa
 BV: STAD 20; Dp=88.9 kPa; Presetting=1.21 turns
 CV: Kvs=6.4; Dp=1.82 kPa

Pipe: 100 (4"); 5 m; Dp=1 kPa; Linear Dp=191 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.119 kPa



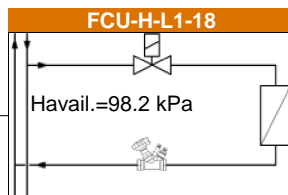
0.38 l/s; Hmin=12.6 kPa
 TU: Dp=4.29 kPa
 Pipe: 25 (1"); 4 m; Dp=0.992 kPa; Linear Dp=236 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=2.42 kPa
 BV: STAD 25; Dp=96.2 kPa; Presetting=1.20 turns
 CV: Kvs=10; Dp=1.87 kPa

Pipe: 100 (4"); 8 m; Dp=1.51 kPa; Linear Dp=180 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.068 kPa



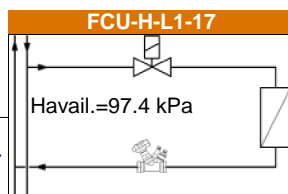
0.22 l/s; Hmin=104 kPa

Pipe: 20 (3/4"); 21 m; Dp=5.99 kPa; Linear Dp=271 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.182 kPa



0.07 l/s; Hmin=16.5 kPa
 TU: Dp=12 kPa
 Pipe: 20 (3/4"); 4 m; Dp=0.148 kPa; Linear Dp=35.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.392 kPa
 BV: STAD 15/14; Dp=84.7 kPa; Presetting=1.34 turns
 CV: Kvs=2.6; Dp=0.938 kPa

Pipe: 20 (3/4"); 4 m; Dp=0.571 kPa; Linear Dp=136 Pa/m (** Generic Steel Pipes **)

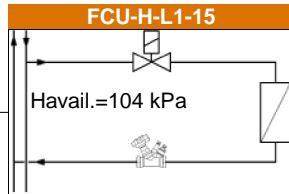


0.15 l/s; Hmin=17 kPa
 TU: Dp=9 kPa
 Pipe: 20 (3/4"); 4 m; Dp=0.571 kPa; Linear Dp=136 Pa/m (** Generic Steel Pipes **)
 Elbow 90°; Dp=0.167 kPa
 BV: STAD 20; Dp=83.4 kPa; Presetting=0.62 turns
 CV: Kvs=2.6; Dp=4.31 kPa

Date: 11/4/2012

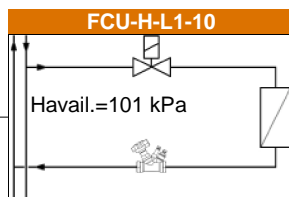
Project: MGM Vietnam

Pipe: 100 (4"); 2 m; Dp=0.365 kPa; Linear Dp=174 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.113 kPa



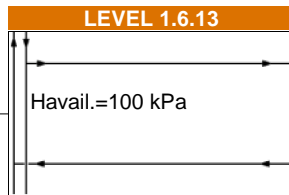
0.38 l/s; Hmin=12.7 kPa
 TU: Dp=4.29 kPa
 Pipe: 25 (1"); 5 m; Dp=1.24 kPa; Linear Dp=236 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=2.27 kPa
 BV: STAD 25; Dp=94 kPa; Presetting=1.21 turns
 CV: Kvs=10; Dp=1.87 kPa

Pipe: 100 (4"); 16 m; Dp=2.75 kPa; Linear Dp=164 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.027 kPa



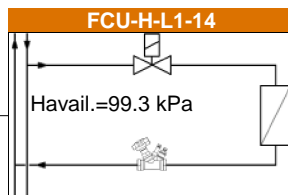
0.09 l/s; Hmin=17.7 kPa
 TU: Dp=12 kPa
 Pipe: 25 (1"); 17 m; Dp=0.324 kPa; Linear Dp=18.1 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.852 kPa
 BV: STAD 20; Dp=86.1 kPa; Presetting=0.28 turns
 CV: Kvs=2.6; Dp=1.55 kPa

Pipe: 100 (4"); 2 m; Dp=0.338 kPa; Linear Dp=161 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.304 kPa



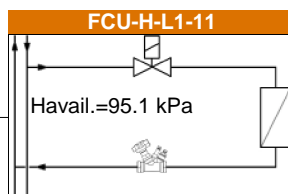
1.18 l/s; Hmin=100 kPa

Pipe: 40 (1 1/2"); 5 m; Dp=1.19 kPa; Linear Dp=227 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.099 kPa



0.09 l/s; Hmin=13 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 12 m; Dp=0.691 kPa; Linear Dp=54.9 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.789 kPa
 BV: STAD 20; Dp=89.3 kPa; Presetting=0.27 turns
 CV: Kvs=2.6; Dp=1.55 kPa

Pipe: 40 (1 1/2"); 20 m; Dp=4.11 kPa; Linear Dp=196 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.144 kPa

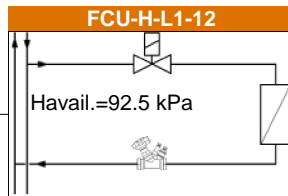


0.17 l/s; Hmin=19 kPa
 TU: Dp=9 kPa
 Pipe: 20 (3/4"); 3 m; Dp=0.536 kPa; Linear Dp=170 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.957 kPa
 BV: STAD 20; Dp=79.1 kPa; Presetting=0.86 turns
 CV: Kvs=2.6; Dp=5.53 kPa

Date: 11/4/2012

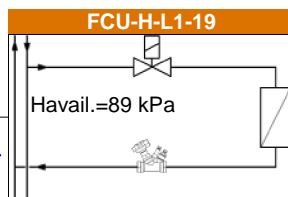
Project: MGM Vietnam

Pipe: 40 (1 1/2"); 16 m; Dp=2.41 kPa; Linear Dp=143 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.249 kPa



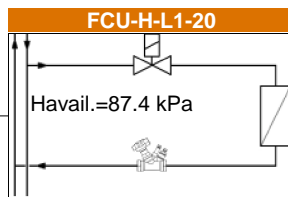
0.4 l/s; Hmin=11.8 kPa
TU: Dp=4.29 kPa
Pipe: 25 (1"); 3 m; Dp=0.817 kPa; Linear Dp=259 Pa/m (** Generic Steel Pipes **)
Tee; Dp=1.63 kPa
BV: STAD 25; Dp=83.7 kPa; Presetting=1.28 turns
CV:Kvs=10; Dp=2.07 kPa

Pipe: 32 (1 1/4"); 30 m; Dp=3.37 kPa; Linear Dp=107 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.093 kPa



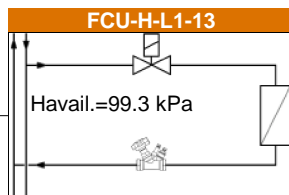
0.12 l/s; Hmin=16.1 kPa
TU: Dp=9 kPa
Pipe: 20 (3/4"); 9 m; Dp=0.862 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.467 kPa
BV: STAD 20; Dp=75.9 kPa; Presetting=0.47 turns
CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 25 (1"); 6 m; Dp=1.63 kPa; Linear Dp=259 Pa/m (** Generic Steel Pipes **)



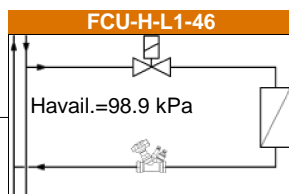
0.4 l/s; Hmin=11.5 kPa
TU: Dp=4.29 kPa
Pipe: 25 (1"); 6 m; Dp=1.63 kPa; Linear Dp=259 Pa/m (** Generic Steel Pipes **)
Elbow 90°; Dp=0.473 kPa
BV: STAD 25; Dp=78.9 kPa; Presetting=1.30 turns
CV:Kvs=10; Dp=2.07 kPa

Pipe: 100 (4"); 6 m; Dp=0.827 kPa; Linear Dp=131 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.082 kPa



0.32 l/s; Hmin=31.2 kPa
TU: Dp=15 kPa
Pipe: 20 (3/4"); 10 m; Dp=5.66 kPa; Linear Dp=539 Pa/m (** Generic Steel Pipes **)
Tee; Dp=3.17 kPa
BV: STAD 20; Dp=72.3 kPa; Presetting=1.63 turns
CV:Kvs=6.4; Dp=3.23 kPa

Pipe: 100 (4"); 3 m; Dp=0.39 kPa; Linear Dp=124 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.065 kPa

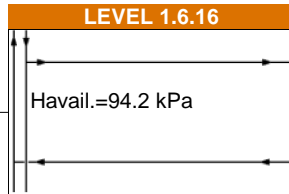


0.26 l/s; Hmin=23.6 kPa
TU: Dp=12 kPa
Pipe: 20 (3/4"); 11 m; Dp=4.25 kPa; Linear Dp=368 Pa/m (** Generic Steel Pipes **)
Tee; Dp=2.2 kPa
BV: STAD 20; Dp=78.3 kPa; Presetting=1.37 turns
CV:Kvs=6.4; Dp=2.14 kPa

Date: 11/4/2012

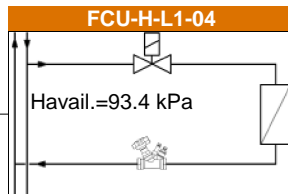
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Pipe: 100 (4"); 37 m; Dp=4.57 kPa; Linear Dp=118 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.313 kPa



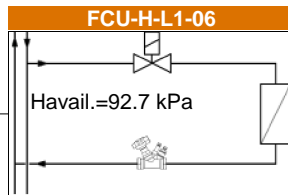
1.7 l/s; Hmin=94.2 kPa

Pipe: 50 (2"); 6 m; Dp=0.866 kPa; Linear Dp=137 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.121 kPa



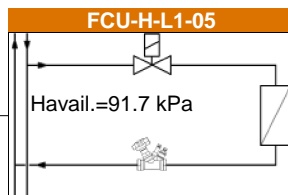
0.22 l/s; Hmin=27 kPa
 TU: Dp=11 kPa
 Pipe: 20 (3/4"); 8 m; Dp=2.28 kPa; Linear Dp=271 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.43 kPa
 BV: STAD 20; Dp=69.4 kPa; Presetting=1.25 turns
 CV:Kvs=2.6; Dp=9.26 kPa

Pipe: 50 (2"); 5 m; Dp=0.559 kPa; Linear Dp=107 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.132 kPa



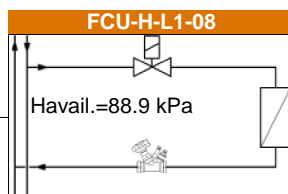
0.3 l/s; Hmin=26.5 kPa
 TU: Dp=15 kPa
 Pipe: 20 (3/4"); 6 m; Dp=3.02 kPa; Linear Dp=479 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=2.03 kPa
 BV: STAD 20; Dp=69.8 kPa; Presetting=1.58 turns
 CV:Kvs=6.4; Dp=2.84 kPa

Pipe: 40 (1 1/2"); 4 m; Dp=0.953 kPa; Linear Dp=227 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.301 kPa



0.3 l/s; Hmin=26.4 kPa
 TU: Dp=15 kPa
 Pipe: 20 (3/4"); 5 m; Dp=2.51 kPa; Linear Dp=479 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=2.41 kPa
 BV: STAD 20; Dp=69 kPa; Presetting=1.59 turns
 CV:Kvs=6.4; Dp=2.84 kPa

Pipe: 40 (1 1/2"); 18 m; Dp=2.5 kPa; Linear Dp=132 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.231 kPa

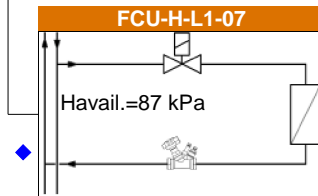


0.44 l/s; Hmin=37.1 kPa
 TU: Dp=23.7 kPa
 Pipe: 25 (1"); 7 m; Dp=2.27 kPa; Linear Dp=309 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.78 kPa
 BV: STAD 25; Dp=55.1 kPa; Presetting=1.51 turns
 CV:Kvs=6.4; Dp=6.11 kPa

Date: 11/4/2012

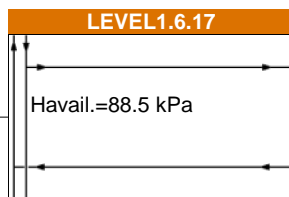
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Pipe: 25 (1"); 6 m; Dp=1.95 kPa; Linear Dp=309 Pa/m (** Generic Steel Pipes **)



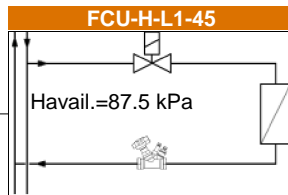
0.44 l/s; Hmin=36.9 kPa
 TU: Dp=23.7 kPa
 Pipe: 25 (1"); 10 m; Dp=3.24 kPa; Linear Dp=309 Pa/m (** Generic Steel Pipes **)
 Elbow 90°; Dp=0.572 kPa
 BV: STAD 25; Dp=53.4 kPa; Presetting=1.52 turns
 CV:Kvs=6.4; Dp=6.11 kPa

Pipe: 80 (3"); 18 m; Dp=5.73 kPa; Linear Dp=303 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.247 kPa



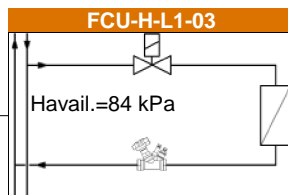
0.45 l/s; Hmin=88.5 kPa

Pipe: 25 (1"); 3 m; Dp=1.01 kPa; Linear Dp=322 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.124 kPa



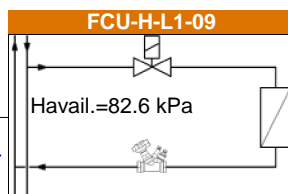
0.06 l/s; Hmin=10.3 kPa
 TU: Dp=6 kPa
 Pipe: 20 (3/4"); 2 m; Dp=0.057 kPa; Linear Dp=27 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.545 kPa
 BV: STAD 15/14; Dp=80.2 kPa; Presetting=1.15 turns
 CV:Kvs=2.6; Dp=0.689 kPa

Pipe: 25 (1"); 13 m; Dp=3.38 kPa; Linear Dp=248 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.253 kPa



0.18 l/s; Hmin=20.2 kPa
 TU: Dp=9 kPa
 Pipe: 20 (3/4"); 5 m; Dp=0.991 kPa; Linear Dp=189 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.01 kPa
 BV: STAD 20; Dp=66.8 kPa; Presetting=1.04 turns
 CV:Kvs=2.6; Dp=6.2 kPa

Pipe: 20 (3/4"); 5 m; Dp=1.31 kPa; Linear Dp=249 Pa/m (** Generic Steel Pipes **)

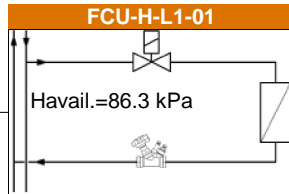


0.21 l/s; Hmin=24.3 kPa
 TU: Dp=11 kPa
 Pipe: 20 (3/4"); 6 m; Dp=1.57 kPa; Linear Dp=249 Pa/m (** Generic Steel Pipes **)
 Elbow 90°; Dp=0.328 kPa
 BV: STAD 20; Dp=61.2 kPa; Presetting=1.27 turns
 CV:Kvs=2.6; Dp=8.44 kPa

Date: 11/4/2012

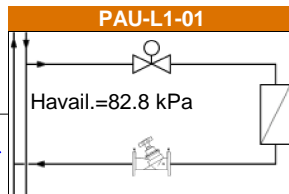
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Pipe: 80 (3"); 7 m; Dp=2 kPa; Linear Dp=272 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.269 kPa



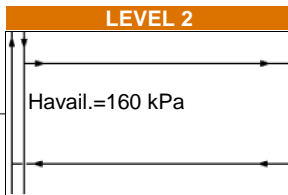
0.53 l/s; Hmin=45.5 kPa
 TU: Dp=23.7 kPa
 Pipe: 25 (1"); 10 m; Dp=4.57 kPa; Linear Dp=436 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=3.64 kPa
 BV: STAD 25; Dp=45.5 kPa; Presetting=1.75 turns
 CV: Kvs=6.4; Dp=8.87 kPa

Pipe: 80 (3"); 13 m; Dp=3.23 kPa; Linear Dp=237 Pa/m (** Generic Steel Pipes **)



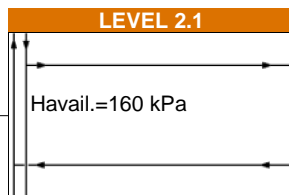
dont have Kvs
 7 l/s; Hmin=82.8 kPa
 TU: Dp=33.7 kPa
 Pipe: 80 (3"); 13 m; Dp=3.23 kPa; Linear Dp=237 Pa/m (** Generic Steel Pipes **)
 Elbow 90°; Dp=1.86 kPa
 BV: STAF 80; Dp=4.4 kPa; Presetting=8.00 turns
 CV: Kvs=40; Dp=39.6 kPa; Auth.=0.32

Pipe: 250 (10"); 28 m; Dp=9.02 kPa; Linear Dp=307 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=5.99 kPa



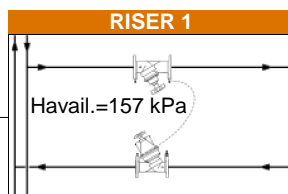
91.73 l/s; Hmin=160 kPa

Pipe: 250 (10"); 9 m; Dp=0.84 kPa; Linear Dp=88.9 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.16 kPa



22.5 l/s; Hmin=160 kPa

Pipe: 150 (6"); 26 m; Dp=2.25 kPa; Linear Dp=82.5 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.287 kPa

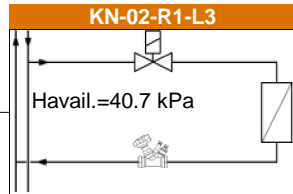


2.88 l/s; Hmin=53.2 kPa
 MV: STAF 65-2; Dp=3 kPa; Presetting=5.46 turns
 DpC: STAP 65; DpL=41.9 kPa

Date: 11/4/2012

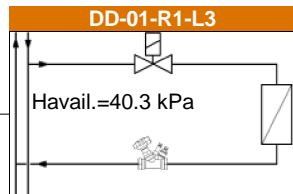
Project: MGM Vietnam

Pipe: 65 (2 1/2"); 12 m; Dp=1.26 kPa; Linear Dp=100 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.046 kPa



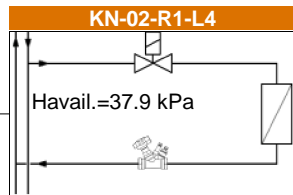
0.12 l/s; Hmin=14.4 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.676 kPa
BV: STAD 20; Dp=29.3 kPa; Presetting=1.05 turns
CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 1 m; Dp=0.356 kPa; Linear Dp=339 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.125 kPa



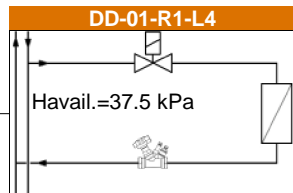
0.12 l/s; Hmin=15.3 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=1.61 kPa
BV: STAD 20; Dp=28 kPa; Presetting=1.08 turns
CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 7 m; Dp=2.29 kPa; Linear Dp=312 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.119 kPa



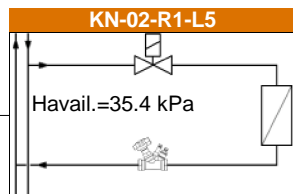
0.12 l/s; Hmin=15.2 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=1.51 kPa
BV: STAD 20; Dp=25.7 kPa; Presetting=1.13 turns
CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 1 m; Dp=0.3 kPa; Linear Dp=286 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.114 kPa



0.12 l/s; Hmin=15.1 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=1.39 kPa
BV: STAD 20; Dp=25.4 kPa; Presetting=1.14 turns
CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 7 m; Dp=1.92 kPa; Linear Dp=261 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.108 kPa

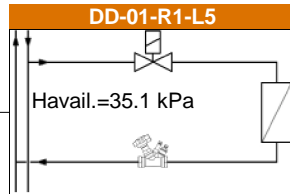


0.12 l/s; Hmin=15 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=1.28 kPa
BV: STAD 20; Dp=23.4 kPa; Presetting=1.18 turns
CV:Kvs=2.6; Dp=2.76 kPa

Date: 11/4/2012

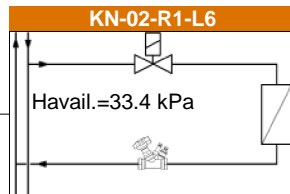
Project: MGM Vietnam

Pipe: 50 (2"); 1 m; Dp=0.249 kPa; Linear Dp=237 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.102 kPa



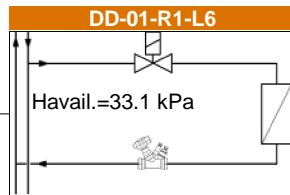
0.12 l/s; Hmin=14.9 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=1.16 kPa
BV: STAD 20; Dp=23.2 kPa; Presetting=1.19 turns
CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 7 m; Dp=1.58 kPa; Linear Dp=214 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.096 kPa



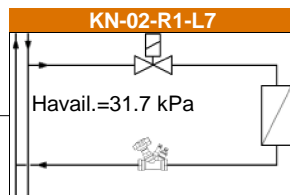
0.12 l/s; Hmin=14.8 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=1.05 kPa
BV: STAD 20; Dp=21.6 kPa; Presetting=1.23 turns
CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 1 m; Dp=0.202 kPa; Linear Dp=193 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.091 kPa



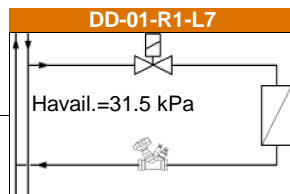
0.12 l/s; Hmin=14.7 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.944 kPa
BV: STAD 20; Dp=21.4 kPa; Presetting=1.23 turns
CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 7 m; Dp=1.27 kPa; Linear Dp=172 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.085 kPa



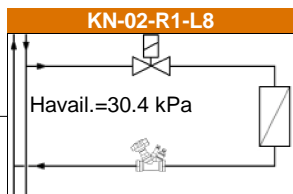
0.12 l/s; Hmin=14.6 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.843 kPa
BV: STAD 20; Dp=20.2 kPa; Presetting=1.27 turns
CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 1 m; Dp=0.16 kPa; Linear Dp=153 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.079 kPa



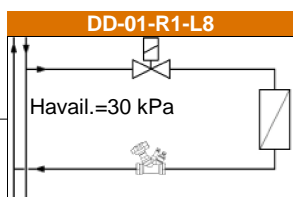
0.12 l/s; Hmin=14.5 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.744 kPa
BV: STAD 20; Dp=20 kPa; Presetting=1.27 turns
CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 7 m; Dp=0.989 kPa; Linear Dp=135 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.073 kPa



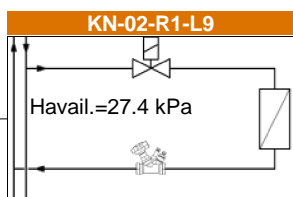
0.12 l/s; Hmin=18.3 kPa
 TU: Dp=7 kPa
 Pipe: 15 (1/2"); 10 m; Dp=4.15 kPa; Linear Dp=396 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.41 kPa
 BV: STAD 20; Dp=15.1 kPa; Presetting=1.43 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 40 (1 1/2"); 1 m; Dp=0.4 kPa; Linear Dp=381 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.175 kPa



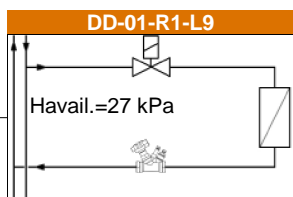
0.12 l/s; Hmin=15.1 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.38 kPa
 BV: STAD 20; Dp=17.9 kPa; Presetting=1.33 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 40 (1 1/2"); 7 m; Dp=2.41 kPa; Linear Dp=328 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.16 kPa



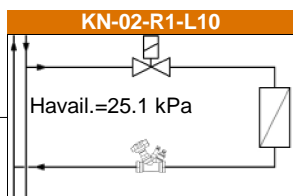
0.12 l/s; Hmin=14.9 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.19 kPa
 BV: STAD 20; Dp=15.5 kPa; Presetting=1.41 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 40 (1 1/2"); 1 m; Dp=0.293 kPa; Linear Dp=279 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.145 kPa



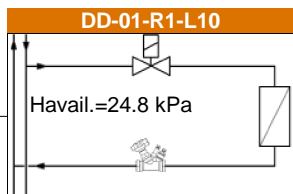
0.12 l/s; Hmin=14.7 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.02 kPa
 BV: STAD 20; Dp=15.3 kPa; Presetting=1.42 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 40 (1 1/2"); 7 m; Dp=1.72 kPa; Linear Dp=234 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.13 kPa



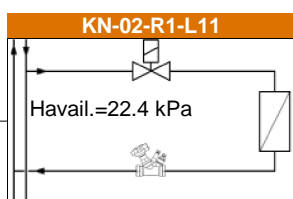
0.12 l/s; Hmin=14.6 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.851 kPa
 BV: STAD 20; Dp=13.6 kPa; Presetting=1.48 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 40 (1 1/2"); 1 m; Dp=0.202 kPa; Linear Dp=193 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.114 kPa



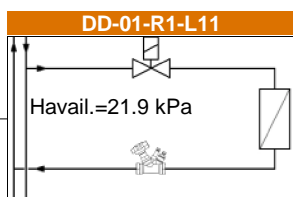
0.12 l/s; Hmin=14.4 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.695 kPa
 BV: STAD 20; Dp=13.4 kPa; Presetting=1.49 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 32 (1 1/4"); 7 m; Dp=2.42 kPa; Linear Dp=330 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.179 kPa



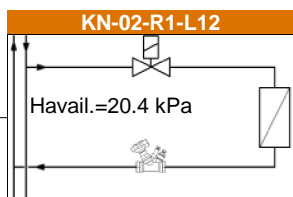
0.12 l/s; Hmin=14.7 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.989 kPa
 BV: STAD 20; Dp=10.7 kPa; Presetting=1.61 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 32 (1 1/4"); 1 m; Dp=0.27 kPa; Linear Dp=257 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.149 kPa



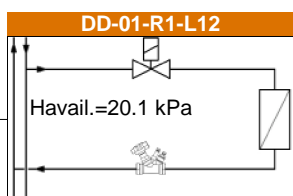
0.12 l/s; Hmin=14.5 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.77 kPa
 BV: STAD 20; Dp=10.4 kPa; Presetting=1.62 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 32 (1 1/4"); 7 m; Dp=1.42 kPa; Linear Dp=194 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.121 kPa



0.12 l/s; Hmin=14.3 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.594 kPa
 BV: STAD 20; Dp=9.04 kPa; Presetting=1.69 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 32 (1 1/4"); 1 m; Dp=0.146 kPa; Linear Dp=139 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.101 kPa

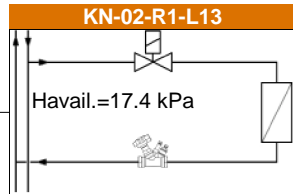


0.12 l/s; Hmin=14.2 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.489 kPa
 BV: STAD 20; Dp=8.88 kPa; Presetting=1.70 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Date: 11/4/2012

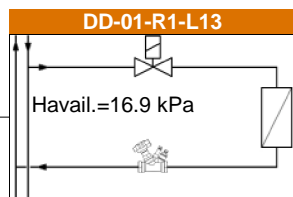
Project: MGM Vietnam

Pipe: 25 (1"); 7 m; Dp=2.67 kPa; Linear Dp=363 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.272 kPa



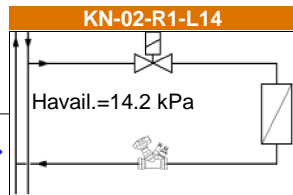
0.12 l/s; Hmin=14.5 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.763 kPa
BV: STAD 20; Dp=5.94 kPa; Presetting=1.92 turns
CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 25 (1"); 1 m; Dp=0.225 kPa; Linear Dp=214 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.198 kPa



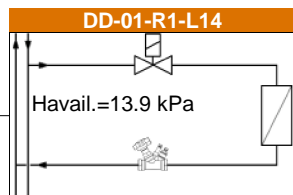
0.12 l/s; Hmin=14.2 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.504 kPa
BV: STAD 20; Dp=5.7 kPa; Presetting=1.94 turns
CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 20 (3/4"); 8 m; Dp=2.67 kPa; Linear Dp=318 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.241 kPa



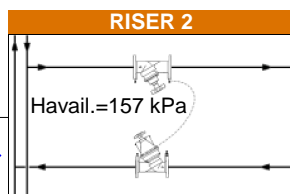
0.12 l/s; Hmin=14.2 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.535 kPa
BV: STAD 20; Dp=3 kPa; Presetting=2.34 turns
CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 20 (3/4"); 1 m; Dp=0.096 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)



0.12 l/s; Hmin=13.8 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Elbow 90°; Dp=0.107 kPa
BV: STAD 20; Dp=3.09 kPa; Presetting=2.32 turns
CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 150 (6"); 1 m; Dp=0.067 kPa; Linear Dp=63.8 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.374 kPa

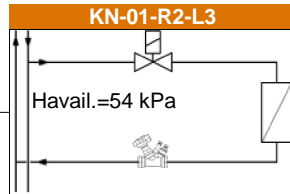


4.47 l/s; Hmin=81.3 kPa
MV: STAF 65-2; Dp=3.58 kPa; Presetting=8.00* turns
DpC: STAP 65; DpL=57.8 kPa

Date: 11/4/2012

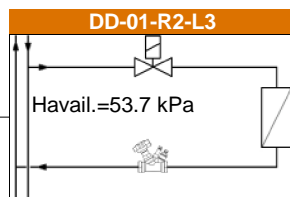
Project: MGM Vietnam

Pipe: 65 (2 1/2"); 16 m; Dp=3.82 kPa; Linear Dp=227 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.073 kPa



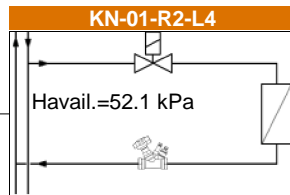
0.12 l/s; Hmin=15.2 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=1.52 kPa
BV: STAD 20; Dp=41.7 kPa; Presetting=0.81 turns
CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 65 (2 1/2"); 1 m; Dp=0.227 kPa; Linear Dp=216 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.071 kPa



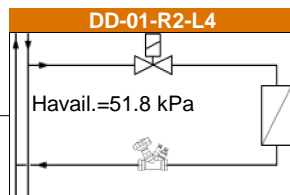
0.12 l/s; Hmin=15.2 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=1.45 kPa
BV: STAD 20; Dp=41.5 kPa; Presetting=0.82 turns
CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 65 (2 1/2"); 7 m; Dp=1.51 kPa; Linear Dp=205 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.069 kPa



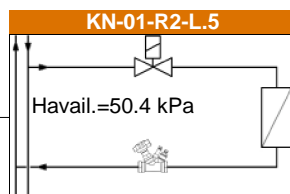
0.12 l/s; Hmin=15.1 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=1.38 kPa
BV: STAD 20; Dp=40 kPa; Presetting=0.85 turns
CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 65 (2 1/2"); 1 m; Dp=0.204 kPa; Linear Dp=194 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.067 kPa



0.12 l/s; Hmin=15 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=1.31 kPa
BV: STAD 20; Dp=39.8 kPa; Presetting=0.85 turns
CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 65 (2 1/2"); 7 m; Dp=1.35 kPa; Linear Dp=184 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.065 kPa

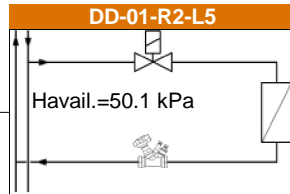


0.12 l/s; Hmin=15.2 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=1.24 kPa
BV: STAD 20; Dp=38.2 kPa; Presetting=0.89 turns
CV:Kvs=2.5; Dp=2.98 kPa

Date: 11/4/2012

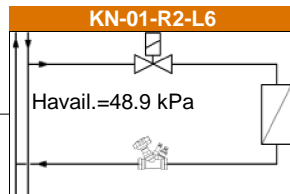
Project: MGM Vietnam

Pipe: 65 (2 1/2"); 1 m; Dp=0.182 kPa; Linear Dp=174 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.063 kPa



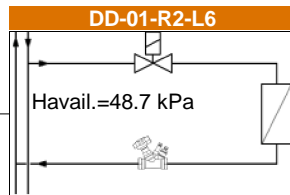
0.12 l/s; Hmin=14.9 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=1.18 kPa
BV: STAD 20; Dp=38.3 kPa; Presetting=0.88 turns
CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 65 (2 1/2"); 7 m; Dp=1.2 kPa; Linear Dp=164 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.061 kPa



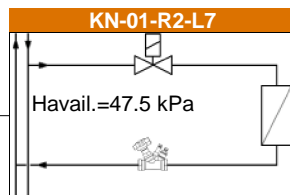
0.12 l/s; Hmin=14.8 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=1.11 kPa
BV: STAD 20; Dp=37.1 kPa; Presetting=0.91 turns
CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 65 (2 1/2"); 1 m; Dp=0.162 kPa; Linear Dp=154 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.059 kPa



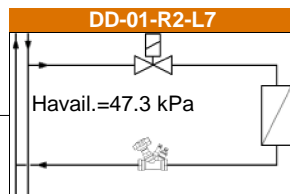
0.12 l/s; Hmin=14.8 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=1.04 kPa
BV: STAD 20; Dp=36.9 kPa; Presetting=0.91 turns
CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 65 (2 1/2"); 7 m; Dp=1.06 kPa; Linear Dp=145 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.057 kPa



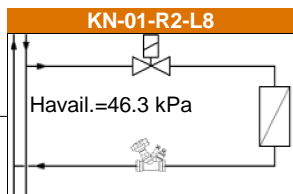
0.12 l/s; Hmin=14.7 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.981 kPa
BV: STAD 20; Dp=35.8 kPa; Presetting=0.93 turns
CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 65 (2 1/2"); 1 m; Dp=0.142 kPa; Linear Dp=136 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.055 kPa



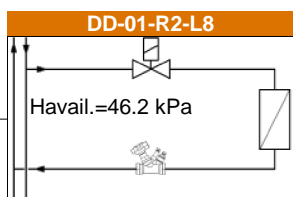
0.12 l/s; Hmin=14.6 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.92 kPa
BV: STAD 20; Dp=35.7 kPa; Presetting=0.93 turns
CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 65 (2 1/2"); 7 m; Dp=0.933 kPa; Linear Dp=127 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.053 kPa



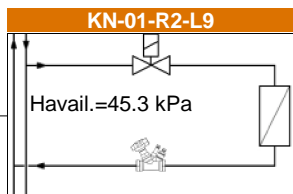
0.12 l/s; Hmin=14.6 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.86 kPa
 BV: STAD 20; Dp=34.8 kPa; Presetting=0.95 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 65 (2 1/2"); 1 m; Dp=0.124 kPa; Linear Dp=118 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.051 kPa



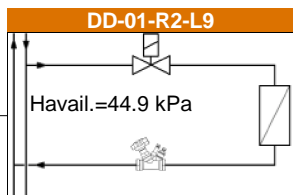
0.12 l/s; Hmin=14.5 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.801 kPa
 BV: STAD 20; Dp=34.7 kPa; Presetting=0.95 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 65 (2 1/2"); 7 m; Dp=0.81 kPa; Linear Dp=110 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.049 kPa



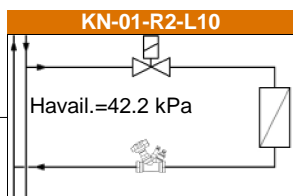
0.12 l/s; Hmin=14.5 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.743 kPa
 BV: STAD 20; Dp=33.8 kPa; Presetting=0.97 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 1 m; Dp=0.393 kPa; Linear Dp=374 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.132 kPa



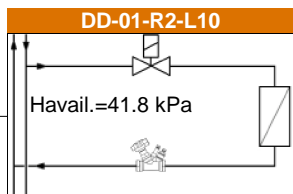
0.12 l/s; Hmin=15.5 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.75 kPa
 BV: STAD 20; Dp=32.5 kPa; Presetting=0.99 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 7 m; Dp=2.54 kPa; Linear Dp=346 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.127 kPa



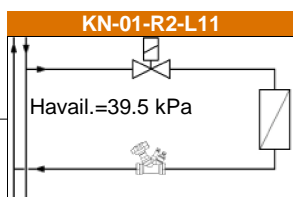
0.12 l/s; Hmin=15.4 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.64 kPa
 BV: STAD 20; Dp=29.9 kPa; Presetting=1.04 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 1 m; Dp=0.334 kPa; Linear Dp=319 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.121 kPa



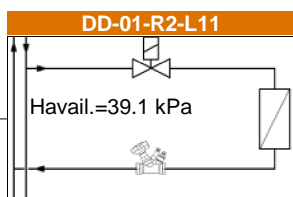
0.12 l/s; Hmin=15.2 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.53 kPa
 BV: STAD 20; Dp=29.5 kPa; Presetting=1.05 turns
 CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 7 m; Dp=2.15 kPa; Linear Dp=292 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.115 kPa



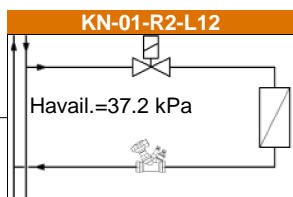
0.12 l/s; Hmin=15.1 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.42 kPa
 BV: STAD 20; Dp=27.4 kPa; Presetting=1.09 turns
 CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 1 m; Dp=0.28 kPa; Linear Dp=267 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.109 kPa



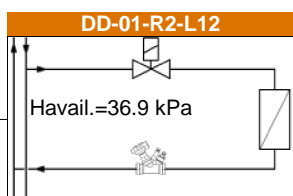
0.12 l/s; Hmin=15 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.31 kPa
 BV: STAD 20; Dp=27.1 kPa; Presetting=1.10 turns
 CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 7 m; Dp=1.79 kPa; Linear Dp=243 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.104 kPa



0.12 l/s; Hmin=14.9 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.19 kPa
 BV: STAD 20; Dp=25.3 kPa; Presetting=1.14 turns
 CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 1 m; Dp=0.231 kPa; Linear Dp=220 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.098 kPa

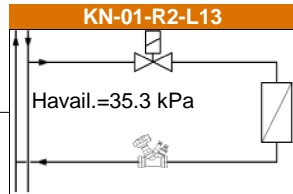


0.12 l/s; Hmin=14.8 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.08 kPa
 BV: STAD 20; Dp=25.1 kPa; Presetting=1.14 turns
 CV:Kvs=2.6; Dp=2.76 kPa

Date: 11/4/2012

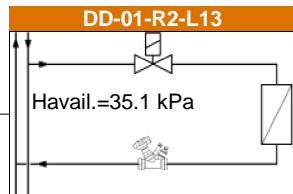
Project: MGM Vietnam

Pipe: 50 (2"); 7 m; Dp=1.46 kPa; Linear Dp=198 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.092 kPa



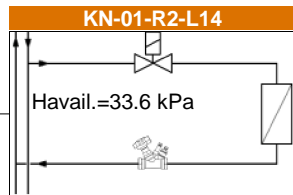
0.12 l/s; Hmin=14.7 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.969 kPa
BV: STAD 20; Dp=23.6 kPa; Presetting=1.18 turns
CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 1 m; Dp=0.186 kPa; Linear Dp=177 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.086 kPa



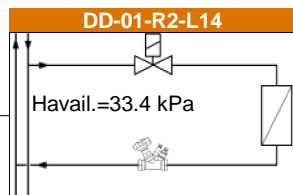
0.12 l/s; Hmin=14.6 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.868 kPa
BV: STAD 20; Dp=23.5 kPa; Presetting=1.18 turns
CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 8 m; Dp=1.32 kPa; Linear Dp=158 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.081 kPa



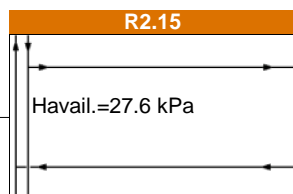
0.12 l/s; Hmin=14.5 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.769 kPa
BV: STAD 20; Dp=22.2 kPa; Presetting=1.21 turns
CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 1 m; Dp=0.146 kPa; Linear Dp=139 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.075 kPa



0.12 l/s; Hmin=14.4 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.677 kPa
BV: STAD 20; Dp=22 kPa; Presetting=1.22 turns
CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 40 (1 1/2"); 14 m; Dp=5.81 kPa; Linear Dp=395 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.692 kPa



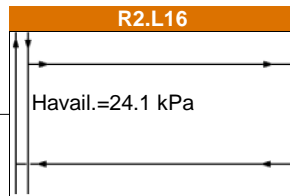
COPY TO L16, L17
0.53 l/s; Hmin=27.6 kPa

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Date: 11/4/2012

Project: MGM Vietnam

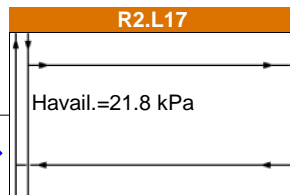
Pipe: 32 (1 1/4"); 8 m; Dp=3.33 kPa; Linear Dp=396 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.616 kPa



COPY TO L16, L17
 0.53 l/s; Hmin=24.1 kPa

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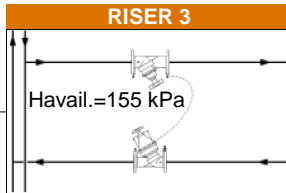
Pipe: 32 (1 1/4"); 14 m; Dp=1.63 kPa; Linear Dp=111 Pa/m (** Generic Steel Pipes **)



COPY TO L16, L17
 0.53 l/s; Hmin=21.8 kPa

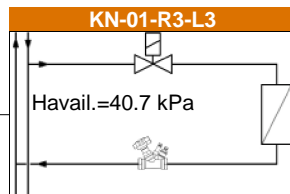
- Page : 150

Pipe: 125 (5"); 20 m; Dp=1.98 kPa; Linear Dp=94.2 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.353 kPa



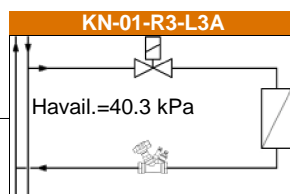
2.88 l/s; Hmin=53.2 kPa
 MV: STAF 65-2; Dp=3 kPa; Presetting=5.46 turns
 DpC: STAP 65; DpL=41.9 kPa

Pipe: 65 (2 1/2"); 12 m; Dp=1.26 kPa; Linear Dp=100 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.046 kPa



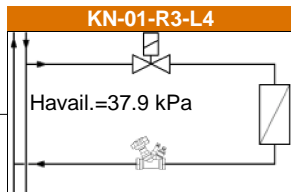
0.12 l/s; Hmin=14.4 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.676 kPa
 BV: STAD 20; Dp=29.3 kPa; Presetting=1.05 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 1 m; Dp=0.356 kPa; Linear Dp=339 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.125 kPa



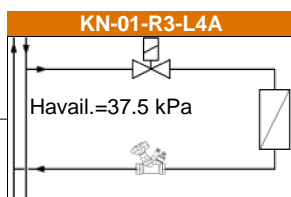
0.12 l/s; Hmin=15.3 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.61 kPa
 BV: STAD 20; Dp=28 kPa; Presetting=1.08 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 7 m; Dp=2.29 kPa; Linear Dp=312 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.119 kPa



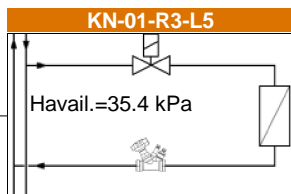
0.12 l/s; Hmin=15.2 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.51 kPa
 BV: STAD 20; Dp=25.7 kPa; Presetting=1.13 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 1 m; Dp=0.3 kPa; Linear Dp=286 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.114 kPa



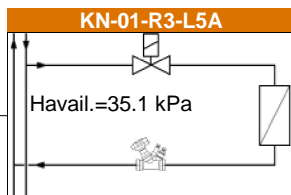
0.12 l/s; Hmin=15.1 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.39 kPa
 BV: STAD 20; Dp=25.4 kPa; Presetting=1.14 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 7 m; Dp=1.92 kPa; Linear Dp=261 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.108 kPa



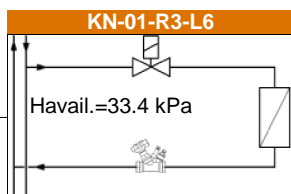
0.12 l/s; Hmin=15 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.28 kPa
 BV: STAD 20; Dp=23.4 kPa; Presetting=1.18 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 1 m; Dp=0.249 kPa; Linear Dp=237 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.102 kPa



0.12 l/s; Hmin=14.9 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.16 kPa
 BV: STAD 20; Dp=23.2 kPa; Presetting=1.19 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 7 m; Dp=1.58 kPa; Linear Dp=214 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.096 kPa

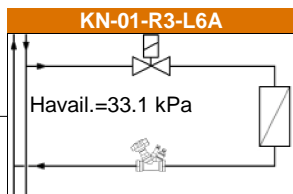


0.12 l/s; Hmin=14.8 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.05 kPa
 BV: STAD 20; Dp=21.6 kPa; Presetting=1.23 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Date: 11/4/2012

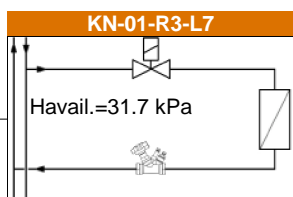
Project: MGM Vietnam

Pipe: 50 (2"); 1 m; Dp=0.202 kPa; Linear Dp=193 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.091 kPa



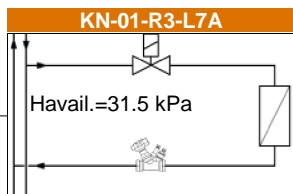
0.12 l/s; Hmin=14.7 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.944 kPa
BV: STAD 20; Dp=21.4 kPa; Presetting=1.23 turns
CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 7 m; Dp=1.27 kPa; Linear Dp=172 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.085 kPa



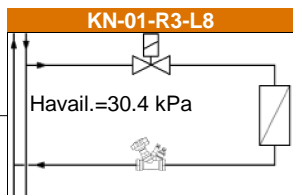
0.12 l/s; Hmin=14.6 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.843 kPa
BV: STAD 20; Dp=20.2 kPa; Presetting=1.27 turns
CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 1 m; Dp=0.16 kPa; Linear Dp=153 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.079 kPa



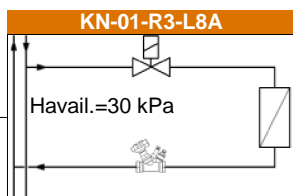
0.12 l/s; Hmin=14.5 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.744 kPa
BV: STAD 20; Dp=20 kPa; Presetting=1.27 turns
CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 7 m; Dp=0.989 kPa; Linear Dp=135 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.073 kPa



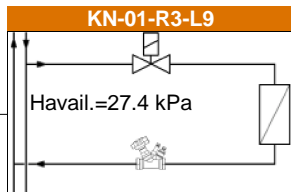
0.12 l/s; Hmin=14.4 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.657 kPa
BV: STAD 20; Dp=19.1 kPa; Presetting=1.30 turns
CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 40 (1 1/2"); 1 m; Dp=0.4 kPa; Linear Dp=381 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.175 kPa



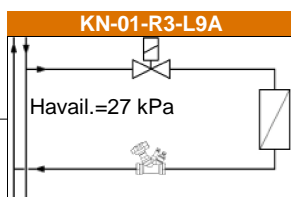
0.12 l/s; Hmin=15.1 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=1.38 kPa
BV: STAD 20; Dp=17.9 kPa; Presetting=1.33 turns
CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 40 (1 1/2"); 7 m; Dp=2.41 kPa; Linear Dp=328 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.16 kPa



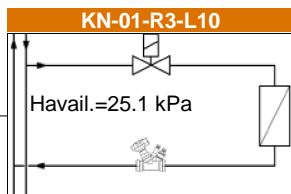
0.12 l/s; Hmin=14.9 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.19 kPa
 BV: STAD 20; Dp=15.5 kPa; Presetting=1.41 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 40 (1 1/2"); 1 m; Dp=0.293 kPa; Linear Dp=279 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.145 kPa



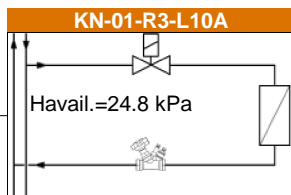
0.12 l/s; Hmin=14.7 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.02 kPa
 BV: STAD 20; Dp=15.3 kPa; Presetting=1.42 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 40 (1 1/2"); 7 m; Dp=1.72 kPa; Linear Dp=234 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.13 kPa



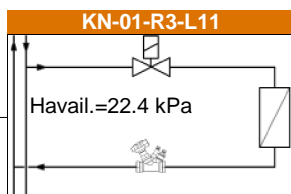
0.12 l/s; Hmin=14.6 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.851 kPa
 BV: STAD 20; Dp=13.6 kPa; Presetting=1.48 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 40 (1 1/2"); 1 m; Dp=0.202 kPa; Linear Dp=193 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.114 kPa



0.12 l/s; Hmin=14.4 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.695 kPa
 BV: STAD 20; Dp=13.4 kPa; Presetting=1.49 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 32 (1 1/4"); 7 m; Dp=2.42 kPa; Linear Dp=330 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.179 kPa

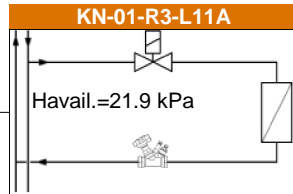


0.12 l/s; Hmin=14.7 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.989 kPa
 BV: STAD 20; Dp=10.7 kPa; Presetting=1.61 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Date: 11/4/2012

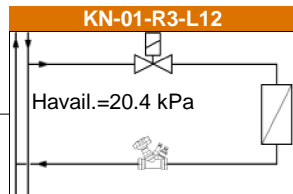
Project: MGM Vietnam

Pipe: 32 (1 1/4"); 1 m; Dp=0.27 kPa; Linear Dp=257 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.149 kPa



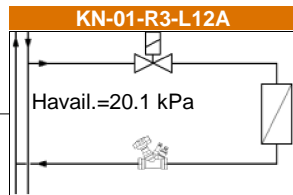
0.12 l/s; Hmin=14.5 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.77 kPa
BV: STAD 20; Dp=10.4 kPa; Presetting=1.62 turns
CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 32 (1 1/4"); 7 m; Dp=1.42 kPa; Linear Dp=194 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.121 kPa



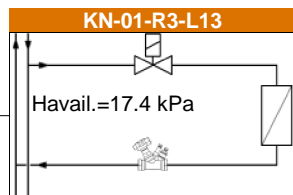
0.12 l/s; Hmin=14.3 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.594 kPa
BV: STAD 20; Dp=9.04 kPa; Presetting=1.69 turns
CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 32 (1 1/4"); 1 m; Dp=0.146 kPa; Linear Dp=139 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.101 kPa



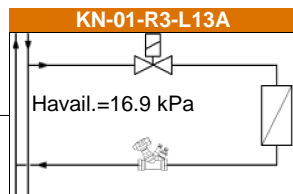
0.12 l/s; Hmin=14.2 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.489 kPa
BV: STAD 20; Dp=8.88 kPa; Presetting=1.70 turns
CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 25 (1"); 7 m; Dp=2.67 kPa; Linear Dp=363 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.272 kPa



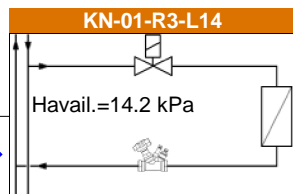
0.12 l/s; Hmin=14.5 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.763 kPa
BV: STAD 20; Dp=5.94 kPa; Presetting=1.92 turns
CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 25 (1"); 1 m; Dp=0.225 kPa; Linear Dp=214 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.198 kPa



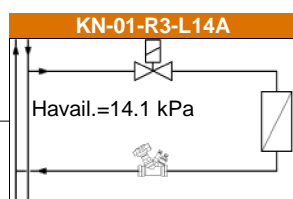
0.12 l/s; Hmin=14.2 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.504 kPa
BV: STAD 20; Dp=5.7 kPa; Presetting=1.94 turns
CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 20 (3/4"); 8 m; Dp=2.67 kPa; Linear Dp=318 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.241 kPa



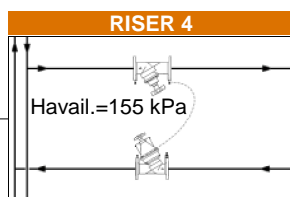
0.12 l/s; Hmin=14.2 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.535 kPa
 BV: STAD 20; Dp=3 kPa; Presetting=2.34 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 25 (1"); 1 m; Dp=0.031 kPa; Linear Dp=30 Pa/m (** Generic Steel Pipes **)



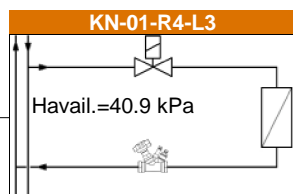
0.12 l/s; Hmin=13.8 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Elbow 90°; Dp=0.107 kPa
 BV: STAD 20; Dp=3.23 kPa; Presetting=2.29 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 125 (5"); 1 m; Dp=0.067 kPa; Linear Dp=63.5 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.31 kPa



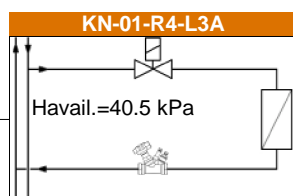
2.88 l/s; Hmin=53.8 kPa
 MV: STAF 65-2; Dp=3 kPa; Presetting=5.46 turns
 DpC: STAP 65; DpL=42.5 kPa

Pipe: 65 (2 1/2"); 16 m; Dp=1.68 kPa; Linear Dp=100 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.046 kPa



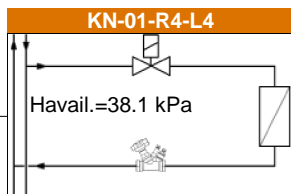
0.12 l/s; Hmin=14.4 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.676 kPa
 BV: STAD 20; Dp=29.5 kPa; Presetting=1.05 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 1 m; Dp=0.356 kPa; Linear Dp=339 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.125 kPa



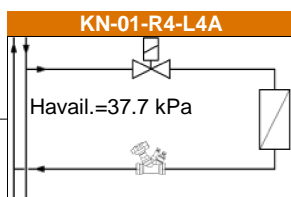
0.12 l/s; Hmin=15.3 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.61 kPa
 BV: STAD 20; Dp=28.2 kPa; Presetting=1.08 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 7 m; Dp=2.29 kPa; Linear Dp=312 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.119 kPa



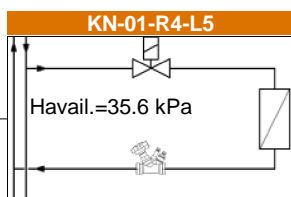
0.12 l/s; Hmin=15.2 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.51 kPa
 BV: STAD 20; Dp=25.9 kPa; Presetting=1.12 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 1 m; Dp=0.3 kPa; Linear Dp=286 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.114 kPa



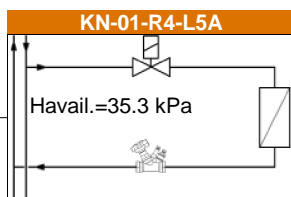
0.12 l/s; Hmin=15.1 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.39 kPa
 BV: STAD 20; Dp=25.6 kPa; Presetting=1.13 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 7 m; Dp=1.92 kPa; Linear Dp=261 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.108 kPa



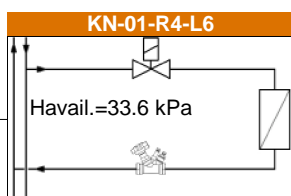
0.12 l/s; Hmin=15 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.28 kPa
 BV: STAD 20; Dp=23.6 kPa; Presetting=1.18 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 1 m; Dp=0.249 kPa; Linear Dp=237 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.102 kPa



0.12 l/s; Hmin=14.9 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.16 kPa
 BV: STAD 20; Dp=23.4 kPa; Presetting=1.18 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 7 m; Dp=1.58 kPa; Linear Dp=214 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.096 kPa

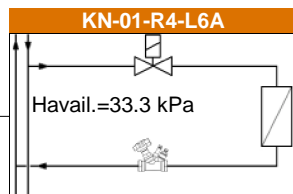


0.12 l/s; Hmin=14.8 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.05 kPa
 BV: STAD 20; Dp=21.8 kPa; Presetting=1.22 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Date: 11/4/2012

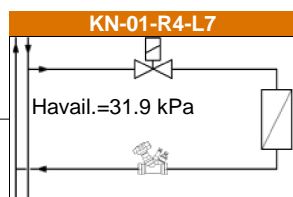
Project: MGM Vietnam

Pipe: 50 (2"); 1 m; Dp=0.202 kPa; Linear Dp=193 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.091 kPa



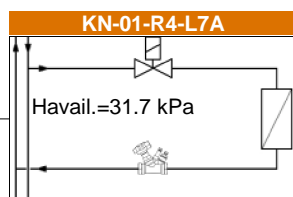
0.12 l/s; Hmin=14.7 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.944 kPa
BV: STAD 20; Dp=21.6 kPa; Presetting=1.23 turns
CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 7 m; Dp=1.27 kPa; Linear Dp=172 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.085 kPa



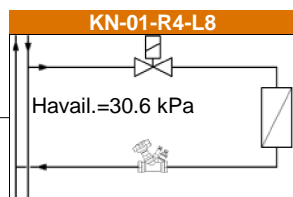
0.12 l/s; Hmin=14.6 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.843 kPa
BV: STAD 20; Dp=20.4 kPa; Presetting=1.26 turns
CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 1 m; Dp=0.16 kPa; Linear Dp=153 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.079 kPa



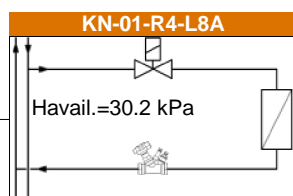
0.12 l/s; Hmin=14.5 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.744 kPa
BV: STAD 20; Dp=20.2 kPa; Presetting=1.26 turns
CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 7 m; Dp=0.989 kPa; Linear Dp=135 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.073 kPa



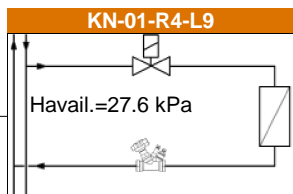
0.12 l/s; Hmin=14.4 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.657 kPa
BV: STAD 20; Dp=19.3 kPa; Presetting=1.29 turns
CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 40 (1 1/2"); 1 m; Dp=0.4 kPa; Linear Dp=381 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.175 kPa



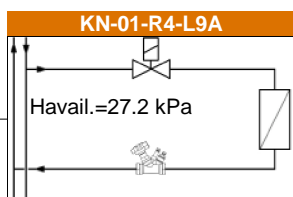
0.12 l/s; Hmin=15.1 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=1.38 kPa
BV: STAD 20; Dp=18.1 kPa; Presetting=1.33 turns
CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 40 (1 1/2"); 7 m; Dp=2.41 kPa; Linear Dp=328 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.16 kPa



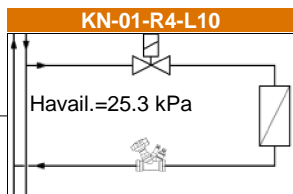
0.12 l/s; Hmin=14.9 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.19 kPa
 BV: STAD 20; Dp=15.7 kPa; Presetting=1.40 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 40 (1 1/2"); 1 m; Dp=0.293 kPa; Linear Dp=279 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.145 kPa



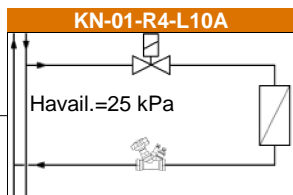
0.12 l/s; Hmin=14.7 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.02 kPa
 BV: STAD 20; Dp=15.5 kPa; Presetting=1.41 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 40 (1 1/2"); 7 m; Dp=1.72 kPa; Linear Dp=234 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.13 kPa



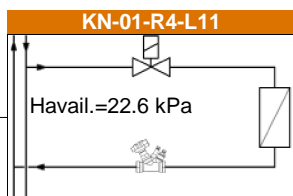
0.12 l/s; Hmin=14.6 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.851 kPa
 BV: STAD 20; Dp=13.8 kPa; Presetting=1.48 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 40 (1 1/2"); 1 m; Dp=0.202 kPa; Linear Dp=193 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.114 kPa



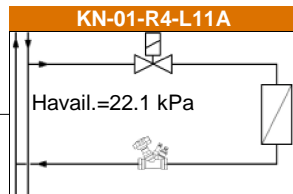
0.12 l/s; Hmin=14.4 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.695 kPa
 BV: STAD 20; Dp=13.6 kPa; Presetting=1.48 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 32 (1 1/4"); 7 m; Dp=2.42 kPa; Linear Dp=330 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.179 kPa



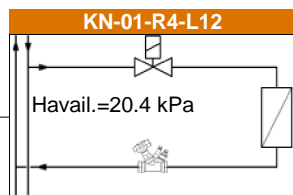
0.12 l/s; Hmin=14.7 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.989 kPa
 BV: STAD 20; Dp=10.9 kPa; Presetting=1.60 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 32 (1 1/4"); 1 m; Dp=0.27 kPa; Linear Dp=257 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.149 kPa



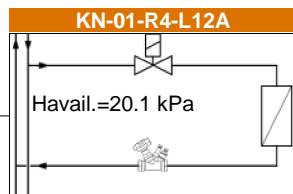
0.12 l/s; Hmin=14.5 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.77 kPa
 BV: STAD 20; Dp=10.6 kPa; Presetting=1.61 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 32 (1 1/4"); 8 m; Dp=1.63 kPa; Linear Dp=194 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.121 kPa



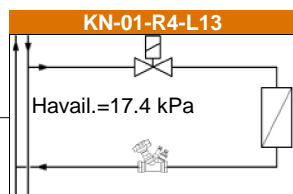
0.12 l/s; Hmin=14.3 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.594 kPa
 BV: STAD 20; Dp=9.04 kPa; Presetting=1.69 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 32 (1 1/4"); 1 m; Dp=0.146 kPa; Linear Dp=139 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.101 kPa



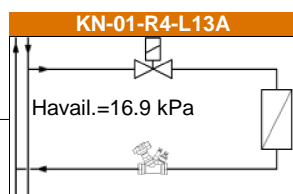
0.12 l/s; Hmin=14.2 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.489 kPa
 BV: STAD 20; Dp=8.88 kPa; Presetting=1.70 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 25 (1"); 7 m; Dp=2.67 kPa; Linear Dp=363 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.272 kPa



0.12 l/s; Hmin=14.5 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.763 kPa
 BV: STAD 20; Dp=5.94 kPa; Presetting=1.92 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 25 (1"); 1 m; Dp=0.225 kPa; Linear Dp=214 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.198 kPa

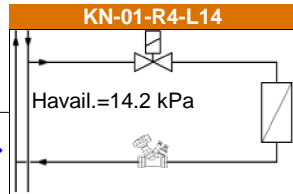


0.12 l/s; Hmin=14.2 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.504 kPa
 BV: STAD 20; Dp=5.7 kPa; Presetting=1.94 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Date: 11/4/2012

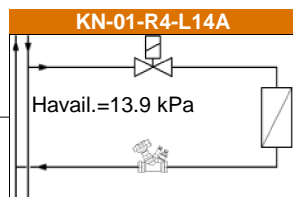
Project: MGM Vietnam

Pipe: 20 (3/4"); 8 m; Dp=2.67 kPa; Linear Dp=318 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.241 kPa



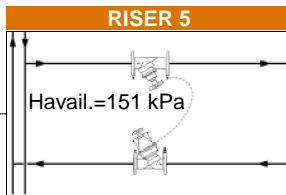
0.12 l/s; Hmin=14.2 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.535 kPa
BV: STAD 20; Dp=3 kPa; Presetting=2.34 turns
CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 20 (3/4"); 1 m; Dp=0.096 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)



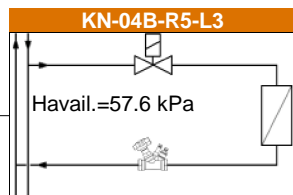
0.12 l/s; Hmin=13.8 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Elbow 90°; Dp=0.107 kPa
BV: STAD 20; Dp=3.09 kPa; Presetting=2.32 turns
CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 100 (4"); 27 m; Dp=3.15 kPa; Linear Dp=111 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.648 kPa



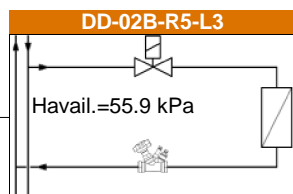
4.95 l/s; Hmin=72.6 kPa
MV: STAF 80; Dp=3 kPa; Presetting=6.99 turns
DpC: STAP 80; DpL=59.1 kPa

Pipe: 80 (3"); 12 m; Dp=1.56 kPa; Linear Dp=124 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.043 kPa



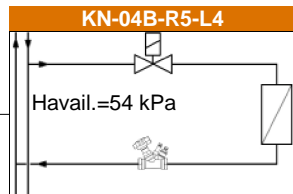
0.12 l/s; Hmin=14.2 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 4 m; Dp=0.383 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=1.02 kPa
BV: STAD 20; Dp=46.4 kPa; Presetting=0.72 turns
CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 65 (2 1/2"); 6 m; Dp=1.66 kPa; Linear Dp=263 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.079 kPa



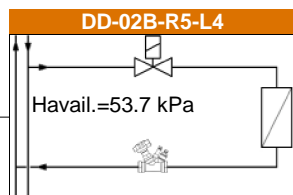
0.12 l/s; Hmin=15.7 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 13 m; Dp=1.25 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=1.71 kPa
BV: STAD 20; Dp=43.2 kPa; Presetting=0.78 turns
CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 65 (2 1/2"); 7 m; Dp=1.84 kPa; Linear Dp=251 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.077 kPa



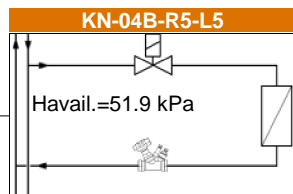
0.12 l/s; Hmin=15.4 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.65 kPa
 BV: STAD 20; Dp=41.6 kPa; Presetting=0.82 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 65 (2 1/2"); 1 m; Dp=0.251 kPa; Linear Dp=239 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.075 kPa



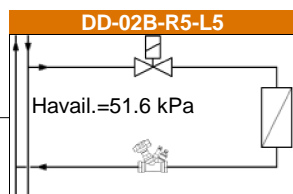
0.12 l/s; Hmin=15.3 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.58 kPa
 BV: STAD 20; Dp=41.4 kPa; Presetting=0.82 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 65 (2 1/2"); 7 m; Dp=1.67 kPa; Linear Dp=227 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.073 kPa



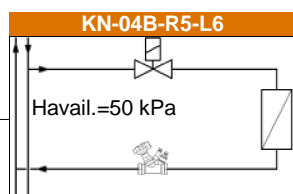
0.12 l/s; Hmin=15.2 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.52 kPa
 BV: STAD 20; Dp=39.7 kPa; Presetting=0.86 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 65 (2 1/2"); 1 m; Dp=0.227 kPa; Linear Dp=216 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.071 kPa



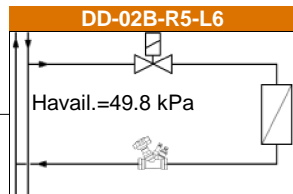
0.12 l/s; Hmin=15.2 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.45 kPa
 BV: STAD 20; Dp=39.4 kPa; Presetting=0.86 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 65 (2 1/2"); 7 m; Dp=1.51 kPa; Linear Dp=205 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.069 kPa



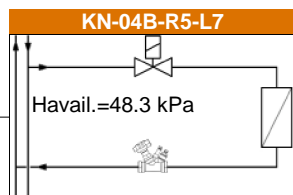
0.12 l/s; Hmin=15.1 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.38 kPa
 BV: STAD 20; Dp=37.9 kPa; Presetting=0.89 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 65 (2 1/2"); 1 m; Dp=0.204 kPa; Linear Dp=194 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.067 kPa



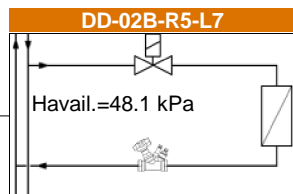
0.12 l/s; Hmin=15 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.31 kPa
 BV: STAD 20; Dp=37.7 kPa; Presetting=0.90 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 65 (2 1/2"); 7 m; Dp=1.35 kPa; Linear Dp=184 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.065 kPa



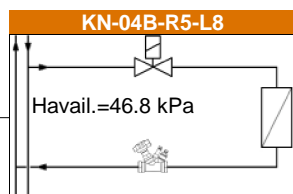
0.12 l/s; Hmin=15 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.24 kPa
 BV: STAD 20; Dp=36.4 kPa; Presetting=0.92 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 65 (2 1/2"); 1 m; Dp=0.182 kPa; Linear Dp=174 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.063 kPa



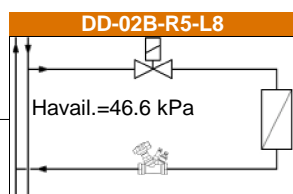
0.12 l/s; Hmin=14.9 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.18 kPa
 BV: STAD 20; Dp=36.2 kPa; Presetting=0.93 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 65 (2 1/2"); 7 m; Dp=1.2 kPa; Linear Dp=164 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.061 kPa



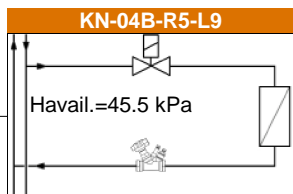
0.12 l/s; Hmin=14.8 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.11 kPa
 BV: STAD 20; Dp=35 kPa; Presetting=0.95 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 65 (2 1/2"); 1 m; Dp=0.162 kPa; Linear Dp=154 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.059 kPa



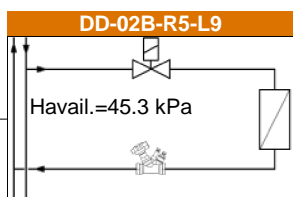
0.12 l/s; Hmin=14.8 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.04 kPa
 BV: STAD 20; Dp=34.8 kPa; Presetting=0.95 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 65 (2 1/2"); 7 m; Dp=1.06 kPa; Linear Dp=145 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.057 kPa



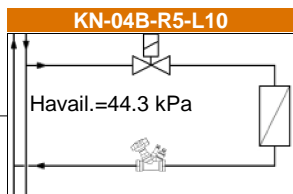
0.12 l/s; Hmin=14.7 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.981 kPa
 BV: STAD 20; Dp=33.8 kPa; Presetting=0.97 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 65 (2 1/2"); 1 m; Dp=0.142 kPa; Linear Dp=136 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.055 kPa



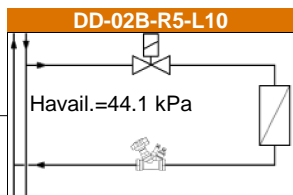
0.12 l/s; Hmin=14.6 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.92 kPa
 BV: STAD 20; Dp=33.6 kPa; Presetting=0.97 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 65 (2 1/2"); 7 m; Dp=0.933 kPa; Linear Dp=127 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.053 kPa



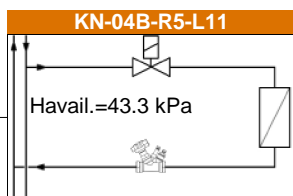
0.12 l/s; Hmin=14.6 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.86 kPa
 BV: STAD 20; Dp=32.7 kPa; Presetting=0.99 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 65 (2 1/2"); 1 m; Dp=0.124 kPa; Linear Dp=118 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.051 kPa



0.12 l/s; Hmin=14.5 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.801 kPa
 BV: STAD 20; Dp=32.6 kPa; Presetting=0.99 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 65 (2 1/2"); 7 m; Dp=0.81 kPa; Linear Dp=110 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.049 kPa

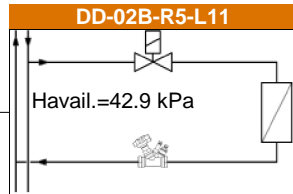


0.12 l/s; Hmin=14.5 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.743 kPa
 BV: STAD 20; Dp=31.8 kPa; Presetting=1.01 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Date: 11/4/2012

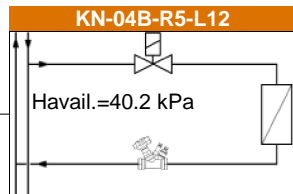
Project: MGM Vietnam

Pipe: 50 (2"); 1 m; Dp=0.393 kPa; Linear Dp=374 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.132 kPa



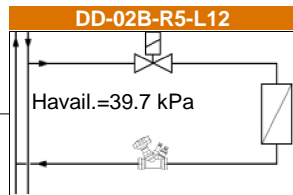
0.12 l/s; Hmin=15.5 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=1.75 kPa
BV: STAD 20; Dp=30.4 kPa; Presetting=1.03 turns
CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 7 m; Dp=2.54 kPa; Linear Dp=346 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.127 kPa



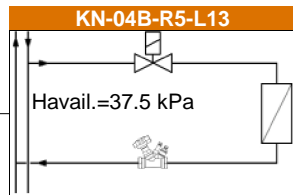
0.12 l/s; Hmin=15.4 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=1.64 kPa
BV: STAD 20; Dp=27.8 kPa; Presetting=1.08 turns
CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 1 m; Dp=0.334 kPa; Linear Dp=319 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.121 kPa



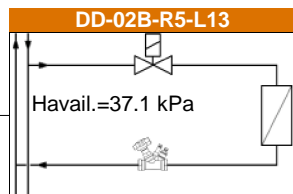
0.12 l/s; Hmin=15.2 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=1.53 kPa
BV: STAD 20; Dp=27.5 kPa; Presetting=1.09 turns
CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 7 m; Dp=2.15 kPa; Linear Dp=292 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.115 kPa



0.12 l/s; Hmin=15.1 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=1.42 kPa
BV: STAD 20; Dp=25.3 kPa; Presetting=1.14 turns
CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 1 m; Dp=0.28 kPa; Linear Dp=267 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.109 kPa

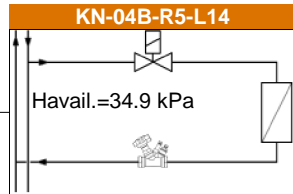


0.12 l/s; Hmin=15 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=1.31 kPa
BV: STAD 20; Dp=25 kPa; Presetting=1.14 turns
CV:Kvs=2.6; Dp=2.76 kPa

Date: 11/4/2012

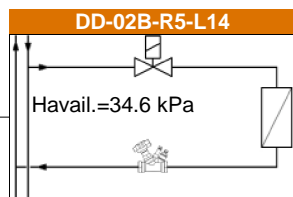
Project: MGM Vietnam

Pipe: 50 (2"); 8 m; Dp=2.04 kPa; Linear Dp=243 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.104 kPa



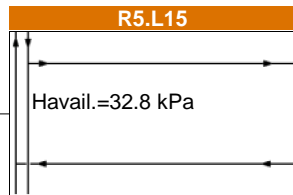
0.12 l/s; Hmin=14.9 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=1.19 kPa
BV: STAD 20; Dp=23 kPa; Presetting=1.19 turns
CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 1 m; Dp=0.231 kPa; Linear Dp=220 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.098 kPa



0.12 l/s; Hmin=14.8 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=1.08 kPa
BV: STAD 20; Dp=22.8 kPa; Presetting=1.20 turns
CV: Kvs=2.6; Dp=2.76 kPa

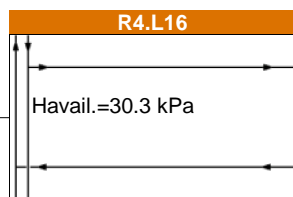
Pipe: 50 (2"); 8 m; Dp=1.66 kPa; Linear Dp=198 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.453 kPa



COPY TO L16,17
0.69 l/s; Hmin=32.8 kPa

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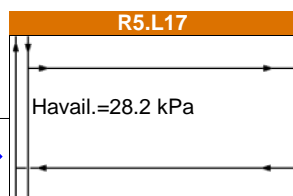
Pipe: 40 (1 1/2"); 8 m; Dp=2.55 kPa; Linear Dp=303 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.568 kPa



COPY TO L16,17
0.69 l/s; Hmin=30.3 kPa

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Pipe: 32 (1 1/4"); 8 m; Dp=1.5 kPa; Linear Dp=179 Pa/m (** Generic Steel Pipes **)



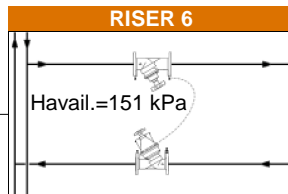
COPY TO L16,17
0.69 l/s; Hmin=28.2 kPa

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Date: 11/4/2012

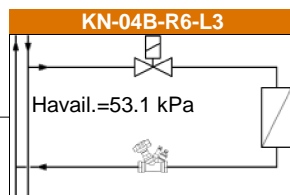
Project: MGM Vietnam

Pipe: 100 (4"); 1 m; Dp=0.029 kPa; Linear Dp=27.8 Pa/m (** Generic Steel Pipes **)



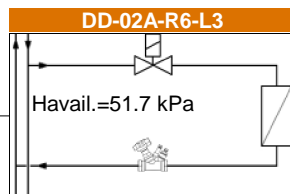
4.44 l/s; Hmin=67.5 kPa
 MV: STAF 80; Dp=3 kPa; Presetting=6.51 turns
 DpC: STAP 80; DpL=56 kPa

Pipe: 80 (3"); 28 m; Dp=2.97 kPa; Linear Dp=101 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.038 kPa



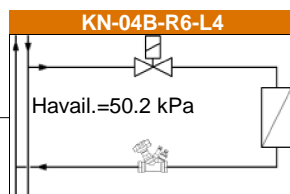
0.12 l/s; Hmin=14 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 4 m; Dp=0.383 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.835 kPa
 BV: STAD 20; Dp=42.1 kPa; Presetting=0.81 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 65 (2 1/2"); 6 m; Dp=1.34 kPa; Linear Dp=213 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.07 kPa



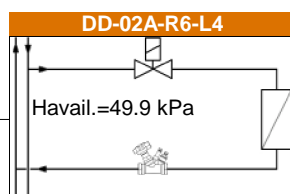
0.12 l/s; Hmin=14.9 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 7 m; Dp=0.671 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.43 kPa
 BV: STAD 20; Dp=39.9 kPa; Presetting=0.85 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 65 (2 1/2"); 7 m; Dp=1.49 kPa; Linear Dp=202 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.068 kPa



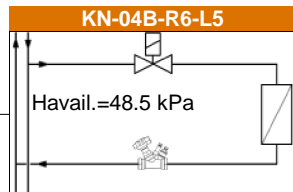
0.12 l/s; Hmin=15.1 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.37 kPa
 BV: STAD 20; Dp=38.1 kPa; Presetting=0.89 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 65 (2 1/2"); 1 m; Dp=0.201 kPa; Linear Dp=192 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.066 kPa



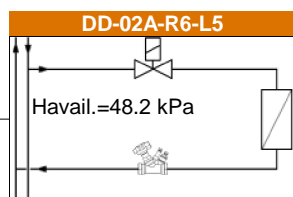
0.12 l/s; Hmin=15 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.3 kPa
 BV: STAD 20; Dp=37.9 kPa; Presetting=0.89 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 65 (2 1/2"); 7 m; Dp=1.33 kPa; Linear Dp=181 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.064 kPa



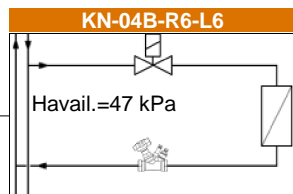
0.12 l/s; Hmin=14.9 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.23 kPa
 BV: STAD 20; Dp=36.5 kPa; Presetting=0.92 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 65 (2 1/2"); 1 m; Dp=0.18 kPa; Linear Dp=171 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.062 kPa



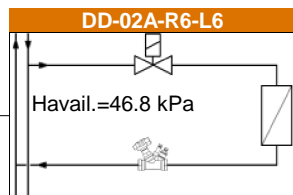
0.12 l/s; Hmin=14.9 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.16 kPa
 BV: STAD 20; Dp=36.4 kPa; Presetting=0.92 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 65 (2 1/2"); 7 m; Dp=1.19 kPa; Linear Dp=161 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.06 kPa



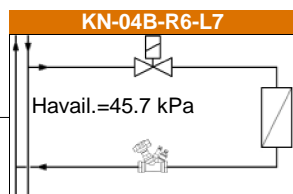
0.12 l/s; Hmin=14.8 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.09 kPa
 BV: STAD 20; Dp=35.2 kPa; Presetting=0.94 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 65 (2 1/2"); 1 m; Dp=0.159 kPa; Linear Dp=152 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.058 kPa



0.12 l/s; Hmin=14.7 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.03 kPa
 BV: STAD 20; Dp=35 kPa; Presetting=0.95 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 65 (2 1/2"); 7 m; Dp=1.05 kPa; Linear Dp=142 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.056 kPa

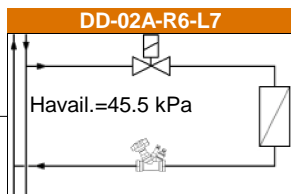


0.12 l/s; Hmin=14.7 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.965 kPa
 BV: STAD 20; Dp=34 kPa; Presetting=0.97 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Date: 11/4/2012

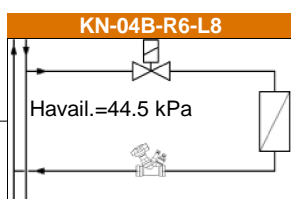
Project: MGM Vietnam

Pipe: 65 (2 1/2"); 1 m; Dp=0.14 kPa; Linear Dp=133 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.054 kPa



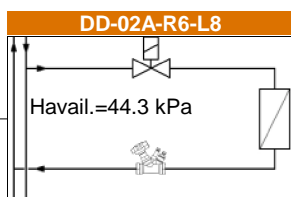
0.12 l/s; Hmin=14.6 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.904 kPa
BV: STAD 20; Dp=33.9 kPa; Presetting=0.97 turns
CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 65 (2 1/2"); 7 m; Dp=0.917 kPa; Linear Dp=125 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.052 kPa



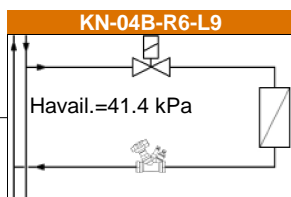
0.12 l/s; Hmin=14.6 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.845 kPa
BV: STAD 20; Dp=32.9 kPa; Presetting=0.99 turns
CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 65 (2 1/2"); 1 m; Dp=0.122 kPa; Linear Dp=116 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.05 kPa



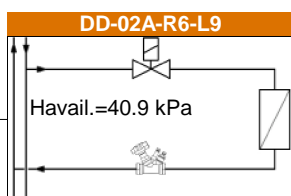
0.12 l/s; Hmin=14.5 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.787 kPa
BV: STAD 20; Dp=32.8 kPa; Presetting=0.99 turns
CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 7 m; Dp=2.91 kPa; Linear Dp=397 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.137 kPa



0.12 l/s; Hmin=15.5 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=1.83 kPa
BV: STAD 20; Dp=28.9 kPa; Presetting=1.06 turns
CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 1 m; Dp=0.386 kPa; Linear Dp=367 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.131 kPa

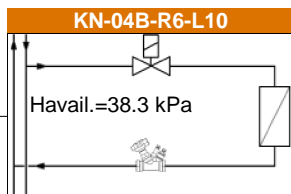


0.12 l/s; Hmin=15.4 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=1.72 kPa
BV: STAD 20; Dp=28.5 kPa; Presetting=1.07 turns
CV:Kvs=2.6; Dp=2.76 kPa

Date: 11/4/2012

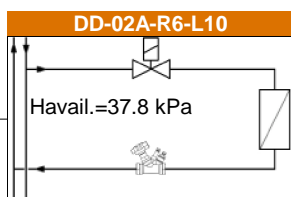
Project: MGM Vietnam

Pipe: 50 (2"); 7 m; Dp=2.49 kPa; Linear Dp=339 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.125 kPa



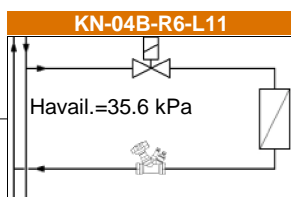
0.12 l/s; Hmin=15.3 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=1.61 kPa
BV: STAD 20; Dp=25.9 kPa; Presetting=1.12 turns
CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 1 m; Dp=0.327 kPa; Linear Dp=312 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.119 kPa



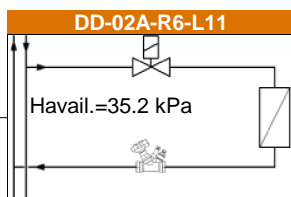
0.12 l/s; Hmin=15.2 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=1.51 kPa
BV: STAD 20; Dp=25.6 kPa; Presetting=1.13 turns
CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 7 m; Dp=2.1 kPa; Linear Dp=286 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.114 kPa



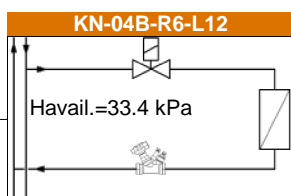
0.12 l/s; Hmin=15.1 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=1.39 kPa
BV: STAD 20; Dp=23.5 kPa; Presetting=1.18 turns
CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 1 m; Dp=0.274 kPa; Linear Dp=261 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.108 kPa



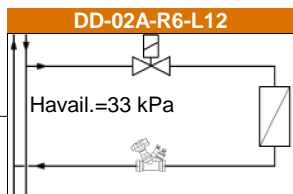
0.12 l/s; Hmin=15 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=1.28 kPa
BV: STAD 20; Dp=23.2 kPa; Presetting=1.19 turns
CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 7 m; Dp=1.74 kPa; Linear Dp=237 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.102 kPa



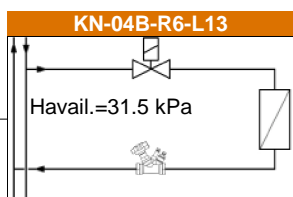
0.12 l/s; Hmin=14.9 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=1.16 kPa
BV: STAD 20; Dp=21.5 kPa; Presetting=1.23 turns
CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 1 m; Dp=0.225 kPa; Linear Dp=214 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.096 kPa



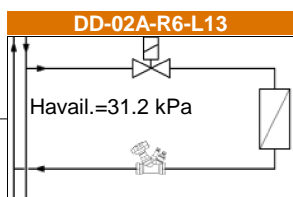
0.12 l/s; Hmin=14.8 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.05 kPa
 BV: STAD 20; Dp=21.3 kPa; Presetting=1.24 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 7 m; Dp=1.42 kPa; Linear Dp=193 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.091 kPa



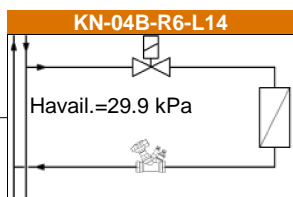
0.12 l/s; Hmin=14.7 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.944 kPa
 BV: STAD 20; Dp=19.9 kPa; Presetting=1.28 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 1 m; Dp=0.181 kPa; Linear Dp=172 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.085 kPa



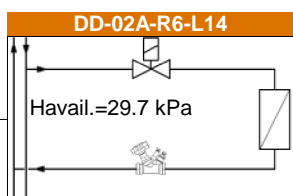
0.12 l/s; Hmin=14.6 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.843 kPa
 BV: STAD 20; Dp=19.7 kPa; Presetting=1.28 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 8 m; Dp=1.28 kPa; Linear Dp=153 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.079 kPa



0.12 l/s; Hmin=14.5 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.744 kPa
 BV: STAD 20; Dp=18.4 kPa; Presetting=1.32 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 1 m; Dp=0.141 kPa; Linear Dp=135 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.073 kPa

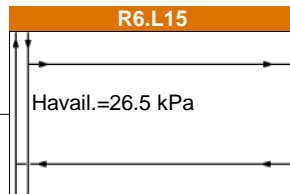


0.12 l/s; Hmin=14.4 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.657 kPa
 BV: STAD 20; Dp=18.3 kPa; Presetting=1.32 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Date: 11/4/2012

Project: MGM Vietnam

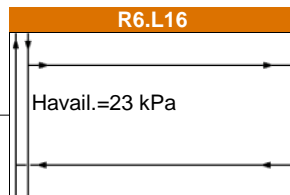
Pipe: 40 (1 1/2"); 8 m; Dp=3.2 kPa; Linear Dp=381 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.666 kPa



COPY TO L16, L17
 0.52 l/s; Hmin=26.5 kPa

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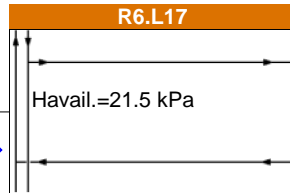
Pipe: 32 (1 1/4"); 8 m; Dp=3.21 kPa; Linear Dp=382 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.593 kPa



COPY TO L16, L17
 0.52 l/s; Hmin=23 kPa

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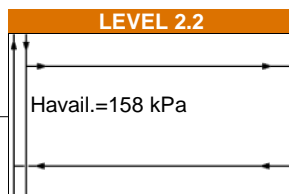
Pipe: 32 (1 1/4"); 8 m; Dp=0.898 kPa; Linear Dp=107 Pa/m (** Generic Steel Pipes **)



COPY TO L16, L17
 0.52 l/s; Hmin=21.5 kPa

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Pipe: 250 (10"); 4 m; Dp=0.219 kPa; Linear Dp=52.1 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.466 kPa

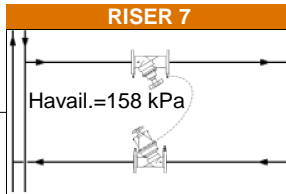


52.56 l/s; Hmin=158 kPa

Date: 11/4/2012

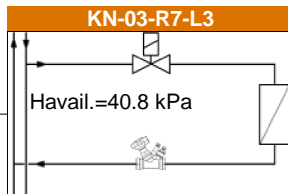
Project: MGM Vietnam

Pipe: 200 (8"); 3 m; Dp=0.305 kPa; Linear Dp=96.7 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.242 kPa



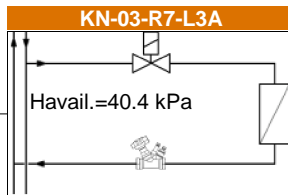
2.88 l/s; Hmin=59.8 kPa
 MV: STAF 65-2; Dp=3 kPa; Presetting=5.46 turns
 DpC: STAP 65; DpL=48.6 kPa

Pipe: 50 (2"); 20 m; Dp=7.71 kPa; Linear Dp=367 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.131 kPa



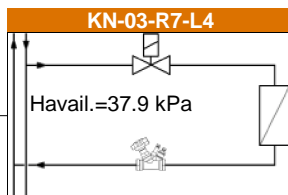
0.12 l/s; Hmin=15.4 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.72 kPa
 BV: STAD 20; Dp=28.4 kPa; Presetting=1.07 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 1 m; Dp=0.356 kPa; Linear Dp=339 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.125 kPa



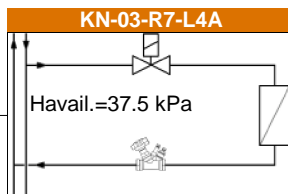
0.12 l/s; Hmin=15.3 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.61 kPa
 BV: STAD 20; Dp=28 kPa; Presetting=1.08 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 7 m; Dp=2.29 kPa; Linear Dp=312 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.119 kPa



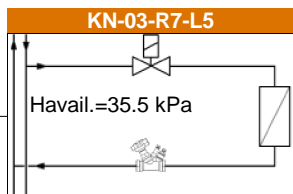
0.12 l/s; Hmin=15.2 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.51 kPa
 BV: STAD 20; Dp=25.7 kPa; Presetting=1.13 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 1 m; Dp=0.3 kPa; Linear Dp=286 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.114 kPa



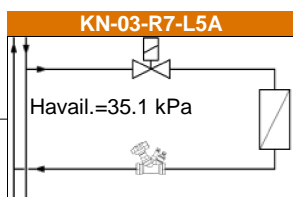
0.12 l/s; Hmin=15.1 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.39 kPa
 BV: STAD 20; Dp=25.4 kPa; Presetting=1.13 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 7 m; Dp=1.92 kPa; Linear Dp=261 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.108 kPa



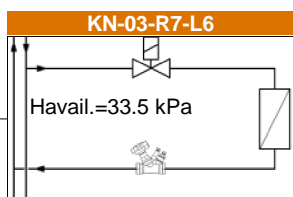
0.12 l/s; Hmin=15 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.28 kPa
 BV: STAD 20; Dp=23.5 kPa; Presetting=1.18 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 1 m; Dp=0.249 kPa; Linear Dp=237 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.102 kPa



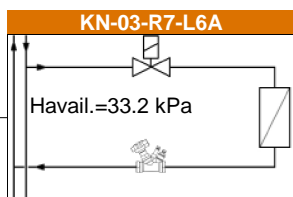
0.12 l/s; Hmin=14.9 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.16 kPa
 BV: STAD 20; Dp=23.3 kPa; Presetting=1.19 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 7 m; Dp=1.58 kPa; Linear Dp=214 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.096 kPa



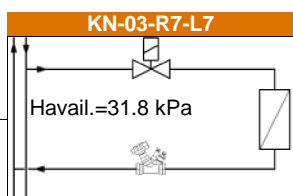
0.12 l/s; Hmin=14.8 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.05 kPa
 BV: STAD 20; Dp=21.7 kPa; Presetting=1.23 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 1 m; Dp=0.202 kPa; Linear Dp=193 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.091 kPa



0.12 l/s; Hmin=14.7 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.944 kPa
 BV: STAD 20; Dp=21.5 kPa; Presetting=1.23 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 7 m; Dp=1.27 kPa; Linear Dp=172 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.085 kPa

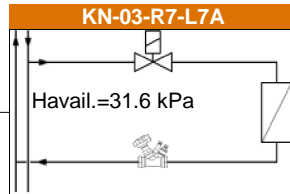


0.12 l/s; Hmin=14.6 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.843 kPa
 BV: STAD 20; Dp=20.2 kPa; Presetting=1.26 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Date: 11/4/2012

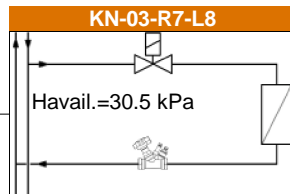
Project: MGM Vietnam

Pipe: 50 (2"); 1 m; Dp=0.16 kPa; Linear Dp=153 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.079 kPa



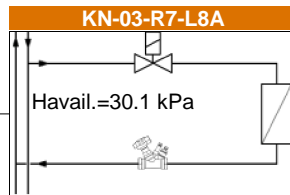
0.12 l/s; Hmin=14.5 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.744 kPa
BV: STAD 20; Dp=20.1 kPa; Presetting=1.27 turns
CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 7 m; Dp=0.989 kPa; Linear Dp=135 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.073 kPa



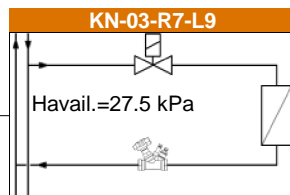
0.12 l/s; Hmin=14.4 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.657 kPa
BV: STAD 20; Dp=19.1 kPa; Presetting=1.30 turns
CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 40 (1 1/2"); 1 m; Dp=0.4 kPa; Linear Dp=381 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.175 kPa



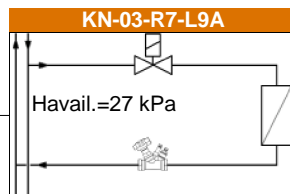
0.12 l/s; Hmin=15.1 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=1.38 kPa
BV: STAD 20; Dp=18 kPa; Presetting=1.33 turns
CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 40 (1 1/2"); 7 m; Dp=2.41 kPa; Linear Dp=328 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.16 kPa



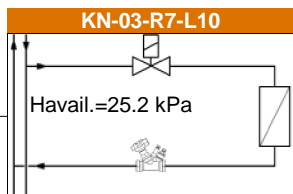
0.12 l/s; Hmin=14.9 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=1.19 kPa
BV: STAD 20; Dp=15.6 kPa; Presetting=1.41 turns
CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 40 (1 1/2"); 1 m; Dp=0.293 kPa; Linear Dp=279 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.145 kPa



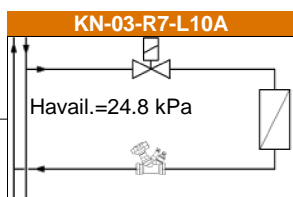
0.12 l/s; Hmin=14.7 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=1.02 kPa
BV: STAD 20; Dp=15.3 kPa; Presetting=1.42 turns
CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 40 (1 1/2"); 7 m; Dp=1.72 kPa; Linear Dp=234 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.13 kPa



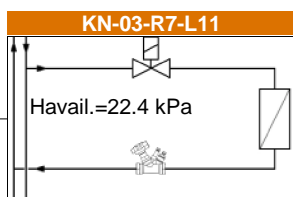
0.12 l/s; Hmin=14.6 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.851 kPa
 BV: STAD 20; Dp=13.6 kPa; Presetting=1.48 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 40 (1 1/2"); 1 m; Dp=0.202 kPa; Linear Dp=193 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.114 kPa



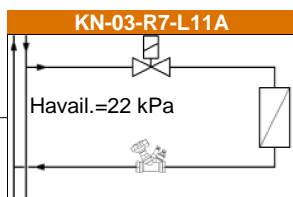
0.12 l/s; Hmin=14.4 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.695 kPa
 BV: STAD 20; Dp=13.4 kPa; Presetting=1.49 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 32 (1 1/4"); 7 m; Dp=2.42 kPa; Linear Dp=330 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.179 kPa



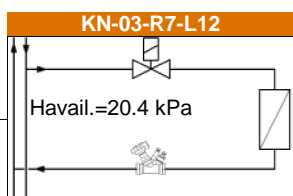
0.12 l/s; Hmin=14.7 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.989 kPa
 BV: STAD 20; Dp=10.7 kPa; Presetting=1.61 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 32 (1 1/4"); 1 m; Dp=0.27 kPa; Linear Dp=257 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.149 kPa



0.12 l/s; Hmin=14.5 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.77 kPa
 BV: STAD 20; Dp=10.5 kPa; Presetting=1.62 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 32 (1 1/4"); 7 m; Dp=1.42 kPa; Linear Dp=194 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.121 kPa

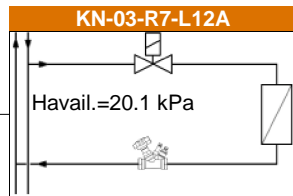


0.12 l/s; Hmin=14.3 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.594 kPa
 BV: STAD 20; Dp=9.1 kPa; Presetting=1.69 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Date: 11/4/2012

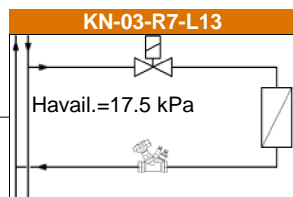
Project: MGM Vietnam

Pipe: 32 (1 1/4"); 1 m; Dp=0.146 kPa; Linear Dp=139 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.101 kPa



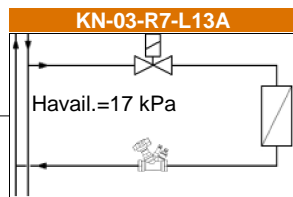
0.12 l/s; Hmin=14.2 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.489 kPa
BV: STAD 20; Dp=8.93 kPa; Presetting=1.70 turns
CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 25 (1"); 7 m; Dp=2.67 kPa; Linear Dp=363 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.272 kPa



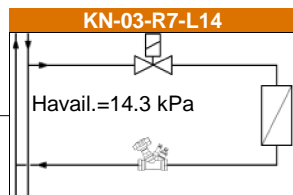
0.12 l/s; Hmin=14.5 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.763 kPa
BV: STAD 20; Dp=5.99 kPa; Presetting=1.91 turns
CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 25 (1"); 1 m; Dp=0.225 kPa; Linear Dp=214 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.198 kPa



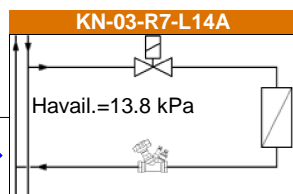
0.12 l/s; Hmin=14.2 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.504 kPa
BV: STAD 20; Dp=5.76 kPa; Presetting=1.94 turns
CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 20 (3/4"); 8 m; Dp=2.67 kPa; Linear Dp=318 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.241 kPa



0.12 l/s; Hmin=14.2 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.535 kPa
BV: STAD 20; Dp=3.05 kPa; Presetting=2.33 turns
CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 15 (1/2"); 1 m; Dp=0.415 kPa; Linear Dp=396 Pa/m (** Generic Steel Pipes **)

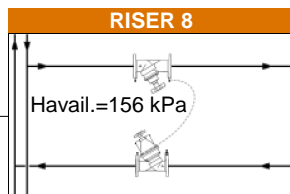


0.12 l/s; Hmin=13.8 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Elbow 90°; Dp=0.107 kPa
BV: STAD 20; Dp=3 kPa; Presetting=2.34 turns
CV:Kvs=2.6; Dp=2.76 kPa

Date: 11/4/2012

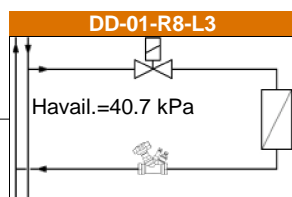
Project: MGM Vietnam

Pipe: 200 (8"); 14 m; Dp=1.28 kPa; Linear Dp=86.9 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.228 kPa



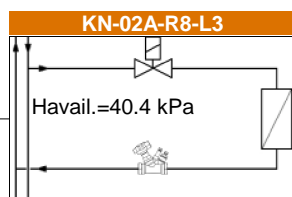
2.88 l/s; Hmin=53.3 kPa
 MV: STAF 65-2; Dp=3 kPa; Presetting=5.46 turns
 DpC: STAP 65; DpL=42 kPa

Pipe: 65 (2 1/2"); 12 m; Dp=1.26 kPa; Linear Dp=100 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.046 kPa



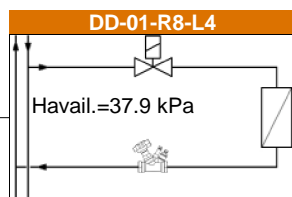
0.12 l/s; Hmin=14.4 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.676 kPa
 BV: STAD 20; Dp=29.3 kPa; Presetting=1.05 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 1 m; Dp=0.356 kPa; Linear Dp=339 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.125 kPa



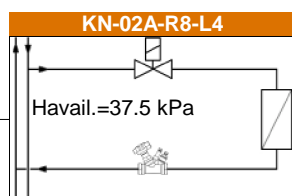
0.12 l/s; Hmin=15.3 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.61 kPa
 BV: STAD 20; Dp=28 kPa; Presetting=1.08 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 7 m; Dp=2.29 kPa; Linear Dp=312 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.119 kPa



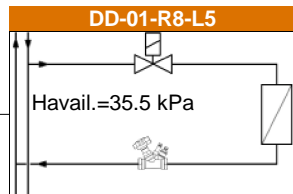
0.12 l/s; Hmin=15.2 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.51 kPa
 BV: STAD 20; Dp=25.7 kPa; Presetting=1.13 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 1 m; Dp=0.3 kPa; Linear Dp=286 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.114 kPa



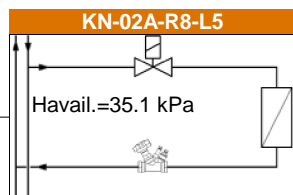
0.12 l/s; Hmin=15.1 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.39 kPa
 BV: STAD 20; Dp=25.4 kPa; Presetting=1.13 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 7 m; Dp=1.92 kPa; Linear Dp=261 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.108 kPa



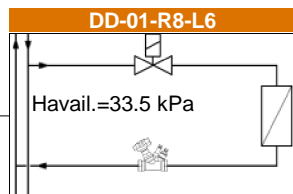
0.12 l/s; Hmin=15 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.28 kPa
 BV: STAD 20; Dp=23.5 kPa; Presetting=1.18 turns
 CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 1 m; Dp=0.249 kPa; Linear Dp=237 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.102 kPa



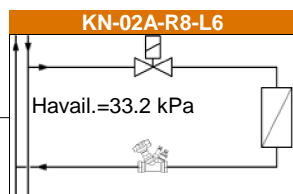
0.12 l/s; Hmin=14.9 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.16 kPa
 BV: STAD 20; Dp=23.3 kPa; Presetting=1.19 turns
 CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 7 m; Dp=1.58 kPa; Linear Dp=214 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.096 kPa



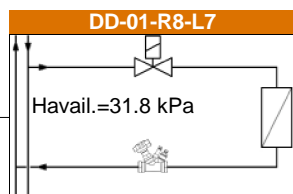
0.12 l/s; Hmin=14.8 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.05 kPa
 BV: STAD 20; Dp=21.7 kPa; Presetting=1.23 turns
 CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 1 m; Dp=0.202 kPa; Linear Dp=193 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.091 kPa



0.12 l/s; Hmin=14.7 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.944 kPa
 BV: STAD 20; Dp=21.5 kPa; Presetting=1.23 turns
 CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 7 m; Dp=1.27 kPa; Linear Dp=172 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.085 kPa

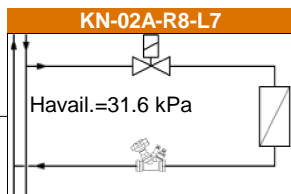


0.12 l/s; Hmin=14.6 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.843 kPa
 BV: STAD 20; Dp=20.2 kPa; Presetting=1.26 turns
 CV:Kvs=2.6; Dp=2.76 kPa

Date: 11/4/2012

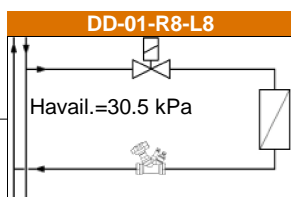
Project: MGM Vietnam

Pipe: 50 (2"); 1 m; Dp=0.16 kPa; Linear Dp=153 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.079 kPa



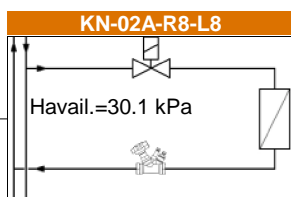
0.12 l/s; Hmin=14.5 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.744 kPa
BV: STAD 20; Dp=20.1 kPa; Presetting=1.27 turns
CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 7 m; Dp=0.989 kPa; Linear Dp=135 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.073 kPa



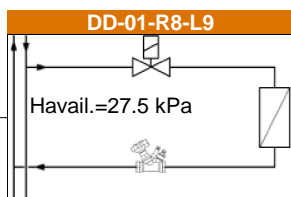
0.12 l/s; Hmin=14.4 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.657 kPa
BV: STAD 20; Dp=19.1 kPa; Presetting=1.30 turns
CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 40 (1 1/2"); 1 m; Dp=0.4 kPa; Linear Dp=381 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.175 kPa



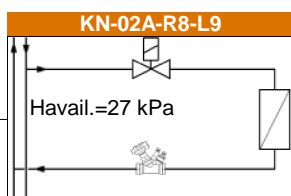
0.12 l/s; Hmin=15.1 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=1.38 kPa
BV: STAD 20; Dp=18 kPa; Presetting=1.33 turns
CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 40 (1 1/2"); 7 m; Dp=2.41 kPa; Linear Dp=328 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.16 kPa



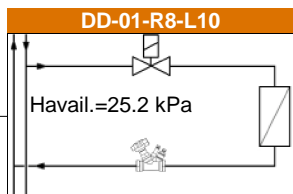
0.12 l/s; Hmin=14.9 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=1.19 kPa
BV: STAD 20; Dp=15.6 kPa; Presetting=1.41 turns
CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 40 (1 1/2"); 1 m; Dp=0.293 kPa; Linear Dp=279 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.145 kPa



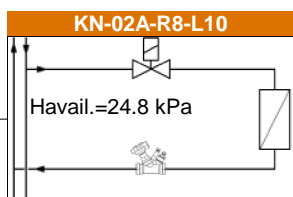
0.12 l/s; Hmin=14.7 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=1.02 kPa
BV: STAD 20; Dp=15.3 kPa; Presetting=1.42 turns
CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 40 (1 1/2"); 7 m; Dp=1.72 kPa; Linear Dp=234 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.13 kPa



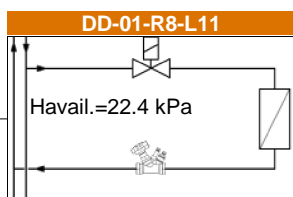
0.12 l/s; Hmin=14.6 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.851 kPa
 BV: STAD 20; Dp=13.6 kPa; Presetting=1.48 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 40 (1 1/2"); 1 m; Dp=0.202 kPa; Linear Dp=193 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.114 kPa



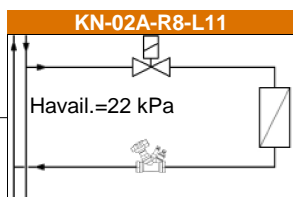
0.12 l/s; Hmin=14.4 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.695 kPa
 BV: STAD 20; Dp=13.4 kPa; Presetting=1.49 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 32 (1 1/4"); 7 m; Dp=2.42 kPa; Linear Dp=330 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.179 kPa



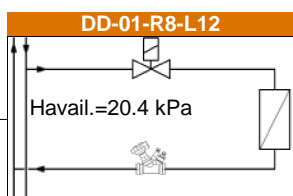
0.12 l/s; Hmin=14.7 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.989 kPa
 BV: STAD 20; Dp=10.7 kPa; Presetting=1.61 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 32 (1 1/4"); 1 m; Dp=0.27 kPa; Linear Dp=257 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.149 kPa



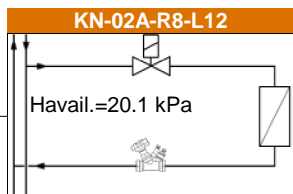
0.12 l/s; Hmin=14.5 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.77 kPa
 BV: STAD 20; Dp=10.5 kPa; Presetting=1.62 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 32 (1 1/4"); 7 m; Dp=1.42 kPa; Linear Dp=194 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.121 kPa



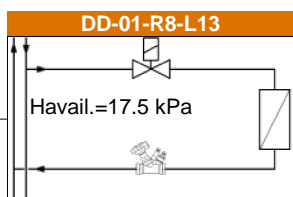
0.12 l/s; Hmin=14.3 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.594 kPa
 BV: STAD 20; Dp=9.1 kPa; Presetting=1.69 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 32 (1 1/4"); 1 m; Dp=0.146 kPa; Linear Dp=139 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.101 kPa



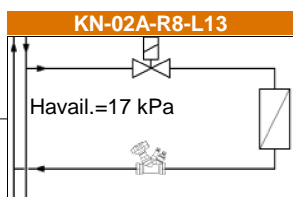
0.12 l/s; Hmin=14.2 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.489 kPa
 BV: STAD 20; Dp=8.93 kPa; Presetting=1.70 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 25 (1"); 7 m; Dp=2.67 kPa; Linear Dp=363 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.272 kPa



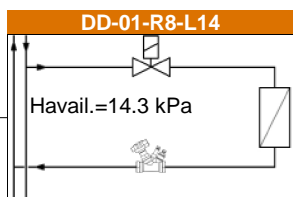
0.12 l/s; Hmin=14.5 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.763 kPa
 BV: STAD 20; Dp=5.99 kPa; Presetting=1.91 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 25 (1"); 1 m; Dp=0.225 kPa; Linear Dp=214 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.198 kPa



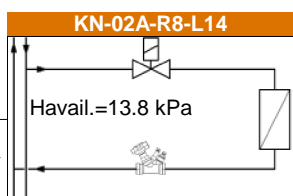
0.12 l/s; Hmin=14.2 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.504 kPa
 BV: STAD 20; Dp=5.76 kPa; Presetting=1.94 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 20 (3/4"); 8 m; Dp=2.67 kPa; Linear Dp=318 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.241 kPa



0.12 l/s; Hmin=14.2 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.535 kPa
 BV: STAD 20; Dp=3.05 kPa; Presetting=2.33 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 15 (1/2"); 1 m; Dp=0.415 kPa; Linear Dp=396 Pa/m (** Generic Steel Pipes **)

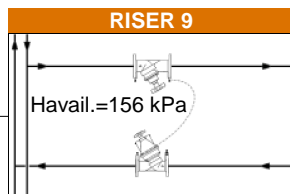


0.12 l/s; Hmin=13.8 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Elbow 90°; Dp=0.107 kPa
 BV: STAD 20; Dp=3 kPa; Presetting=2.34 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Date: 11/4/2012

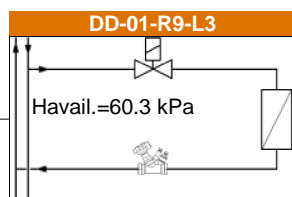
Project: MGM Vietnam

Pipe: 200 (8"); 1 m; Dp=0.081 kPa; Linear Dp=77.6 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.364 kPa



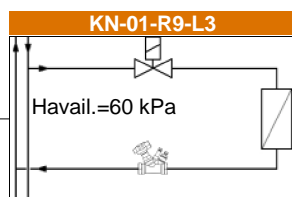
5.37 l/s; Hmin=78.1 kPa
MV: STAF 80; Dp=3 kPa; Presetting=7.42 turns
DpC: STAP 80; DpL=62.8 kPa

Pipe: 80 (3"); 16 m; Dp=2.42 kPa; Linear Dp=144 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.046 kPa



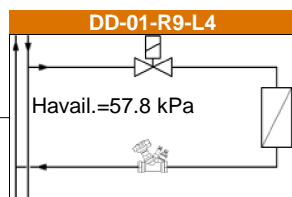
0.12 l/s; Hmin=14.9 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=1.19 kPa
BV: STAD 20; Dp=48.4 kPa; Presetting=0.69 turns
CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 65 (2 1/2"); 1 m; Dp=0.323 kPa; Linear Dp=308 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.086 kPa



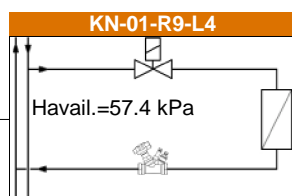
0.12 l/s; Hmin=15.6 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=1.93 kPa
BV: STAD 20; Dp=47.4 kPa; Presetting=0.71 turns
CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 65 (2 1/2"); 7 m; Dp=2.17 kPa; Linear Dp=295 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.084 kPa



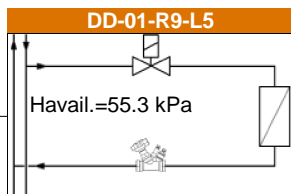
0.12 l/s; Hmin=15.6 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=1.87 kPa
BV: STAD 20; Dp=45.2 kPa; Presetting=0.74 turns
CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 65 (2 1/2"); 1 m; Dp=0.296 kPa; Linear Dp=282 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.082 kPa



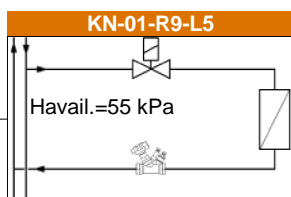
0.12 l/s; Hmin=15.5 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=1.8 kPa
BV: STAD 20; Dp=44.9 kPa; Presetting=0.75 turns
CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 65 (2 1/2"); 7 m; Dp=1.98 kPa; Linear Dp=269 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.08 kPa



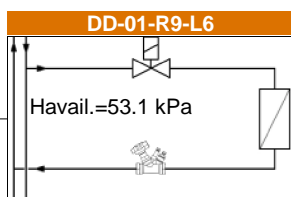
0.12 l/s; Hmin=15.5 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.74 kPa
 BV: STAD 20; Dp=42.9 kPa; Presetting=0.79 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 65 (2 1/2"); 1 m; Dp=0.27 kPa; Linear Dp=257 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.078 kPa



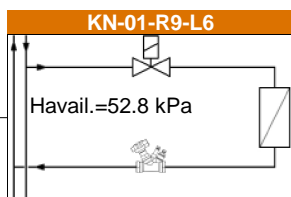
0.12 l/s; Hmin=15.4 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.68 kPa
 BV: STAD 20; Dp=42.6 kPa; Presetting=0.80 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 65 (2 1/2"); 7 m; Dp=1.8 kPa; Linear Dp=245 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.076 kPa



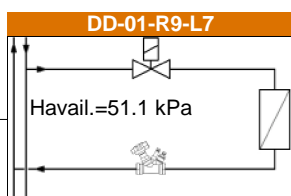
0.12 l/s; Hmin=15.3 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.61 kPa
 BV: STAD 20; Dp=40.8 kPa; Presetting=0.83 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 65 (2 1/2"); 1 m; Dp=0.245 kPa; Linear Dp=233 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.074 kPa



0.12 l/s; Hmin=15.3 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.55 kPa
 BV: STAD 20; Dp=40.5 kPa; Presetting=0.84 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 65 (2 1/2"); 7 m; Dp=1.63 kPa; Linear Dp=222 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.072 kPa

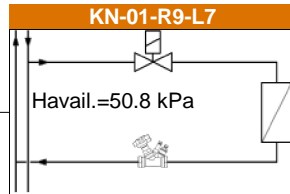


0.12 l/s; Hmin=15.2 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.48 kPa
 BV: STAD 20; Dp=38.9 kPa; Presetting=0.87 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Date: 11/4/2012

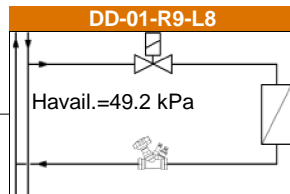
Project: MGM Vietnam

Pipe: 65 (2 1/2"); 1 m; Dp=0.221 kPa; Linear Dp=211 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.07 kPa



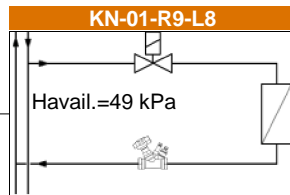
0.12 l/s; Hmin=15.1 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.42 kPa
 BV: STAD 20; Dp=38.6 kPa; Presetting=0.88 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 65 (2 1/2"); 7 m; Dp=1.47 kPa; Linear Dp=200 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.068 kPa



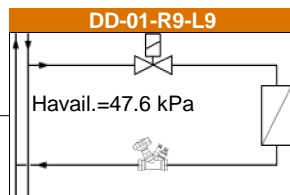
0.12 l/s; Hmin=15.1 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.35 kPa
 BV: STAD 20; Dp=37.2 kPa; Presetting=0.91 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 65 (2 1/2"); 1 m; Dp=0.199 kPa; Linear Dp=189 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.066 kPa



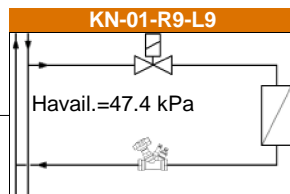
0.12 l/s; Hmin=15 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.28 kPa
 BV: STAD 20; Dp=37 kPa; Presetting=0.91 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 65 (2 1/2"); 7 m; Dp=1.31 kPa; Linear Dp=179 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.064 kPa



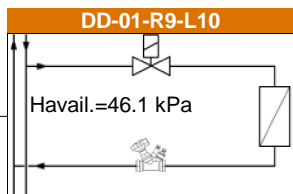
0.12 l/s; Hmin=14.9 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.21 kPa
 BV: STAD 20; Dp=35.7 kPa; Presetting=0.94 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 65 (2 1/2"); 1 m; Dp=0.177 kPa; Linear Dp=169 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.062 kPa



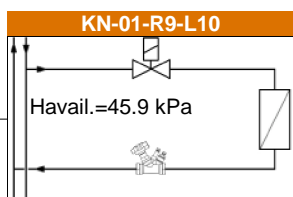
0.12 l/s; Hmin=14.9 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.14 kPa
 BV: STAD 20; Dp=35.5 kPa; Presetting=0.94 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 65 (2 1/2"); 7 m; Dp=1.17 kPa; Linear Dp=159 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.06 kPa



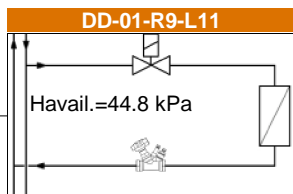
0.12 l/s; Hmin=14.8 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.08 kPa
 BV: STAD 20; Dp=34.3 kPa; Presetting=0.96 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 65 (2 1/2"); 1 m; Dp=0.157 kPa; Linear Dp=149 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.058 kPa



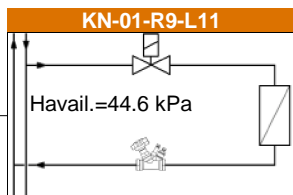
0.12 l/s; Hmin=14.7 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.01 kPa
 BV: STAD 20; Dp=34.2 kPa; Presetting=0.96 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 65 (2 1/2"); 7 m; Dp=1.03 kPa; Linear Dp=140 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.056 kPa



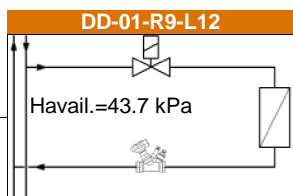
0.12 l/s; Hmin=14.7 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.95 kPa
 BV: STAD 20; Dp=33.2 kPa; Presetting=0.98 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 65 (2 1/2"); 1 m; Dp=0.138 kPa; Linear Dp=131 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.054 kPa



0.12 l/s; Hmin=14.6 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.89 kPa
 BV: STAD 20; Dp=33 kPa; Presetting=0.98 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 65 (2 1/2"); 7 m; Dp=0.901 kPa; Linear Dp=123 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.052 kPa

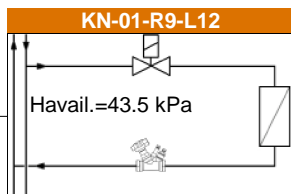


0.12 l/s; Hmin=14.5 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.831 kPa
 BV: STAD 20; Dp=32.1 kPa; Presetting=1.00 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Date: 11/4/2012

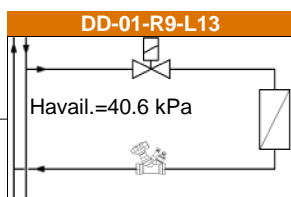
Project: MGM Vietnam

Pipe: 65 (2 1/2"); 1 m; Dp=0.12 kPa; Linear Dp=114 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.05 kPa



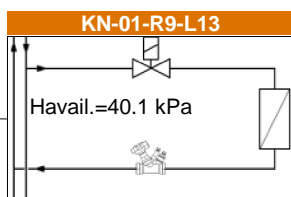
0.12 l/s; Hmin=14.5 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.772 kPa
BV: STAD 20; Dp=32 kPa; Presetting=1.00 turns
CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 7 m; Dp=2.86 kPa; Linear Dp=389 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.135 kPa



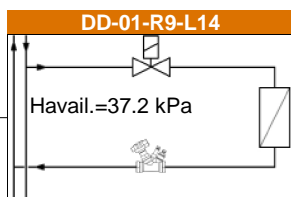
0.12 l/s; Hmin=15.5 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=1.8 kPa
BV: STAD 20; Dp=28.1 kPa; Presetting=1.08 turns
CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 1 m; Dp=0.378 kPa; Linear Dp=360 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.13 kPa



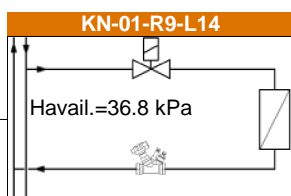
0.12 l/s; Hmin=15.4 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=1.69 kPa
BV: STAD 20; Dp=27.7 kPa; Presetting=1.08 turns
CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 8 m; Dp=2.79 kPa; Linear Dp=332 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.124 kPa



0.12 l/s; Hmin=15.3 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=1.59 kPa
BV: STAD 20; Dp=24.9 kPa; Presetting=1.15 turns
CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 1 m; Dp=0.321 kPa; Linear Dp=305 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.118 kPa

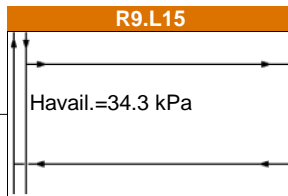


0.12 l/s; Hmin=15.2 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=1.48 kPa
BV: STAD 20; Dp=24.6 kPa; Presetting=1.15 turns
CV:Kvs=2.6; Dp=2.76 kPa

Date: 11/4/2012

Project: MGM Vietnam

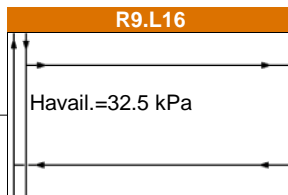
Pipe: 50 (2"); 8 m; Dp=2.35 kPa; Linear Dp=280 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.656 kPa



COPY TO L16,17
 0.83 l/s; Hmin=34.3 kPa

Page : 160

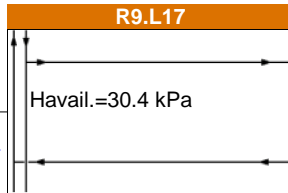
Pipe: 50 (2"); 8 m; Dp=1.11 kPa; Linear Dp=132 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.318 kPa



COPY TO L16,17
 0.83 l/s; Hmin=32.5 kPa

Page : 162

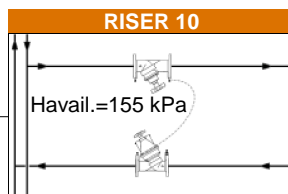
Pipe: 32 (1 1/4"); 8 m; Dp=2.11 kPa; Linear Dp=252 Pa/m (** Generic Steel Pipes **)



COPY TO L16,17
 0.83 l/s; Hmin=30.4 kPa

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Pipe: 200 (8"); 18 m; Dp=1.16 kPa; Linear Dp=61.6 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.187 kPa

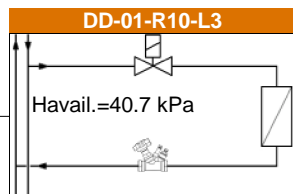


2.88 l/s; Hmin=53.3 kPa
 MV: STAF 65-2; Dp=3 kPa; Presetting=5.46 turns
 DpC: STAP 65; DpL=42 kPa

Date: 11/4/2012

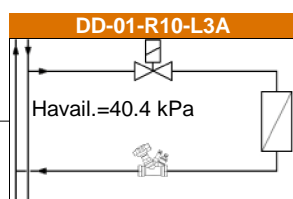
Project: MGM Vietnam

Pipe: 65 (2 1/2"); 12 m; Dp=1.26 kPa; Linear Dp=100 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.046 kPa



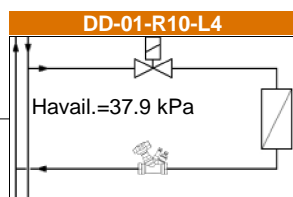
0.12 l/s; Hmin=14.4 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.676 kPa
BV: STAD 20; Dp=29.3 kPa; Presetting=1.05 turns
CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 1 m; Dp=0.356 kPa; Linear Dp=339 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.125 kPa



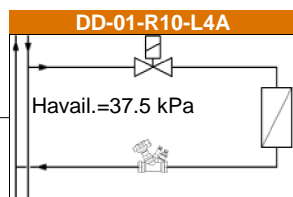
0.12 l/s; Hmin=15.3 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=1.61 kPa
BV: STAD 20; Dp=28 kPa; Presetting=1.08 turns
CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 7 m; Dp=2.29 kPa; Linear Dp=312 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.119 kPa



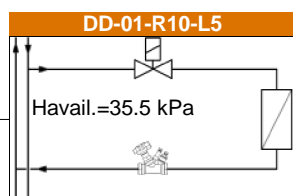
0.12 l/s; Hmin=15.2 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=1.51 kPa
BV: STAD 20; Dp=25.7 kPa; Presetting=1.13 turns
CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 1 m; Dp=0.3 kPa; Linear Dp=286 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.114 kPa



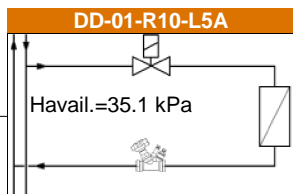
0.12 l/s; Hmin=15.1 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=1.39 kPa
BV: STAD 20; Dp=25.4 kPa; Presetting=1.13 turns
CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 7 m; Dp=1.92 kPa; Linear Dp=261 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.108 kPa



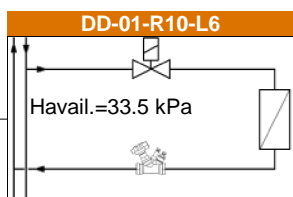
0.12 l/s; Hmin=15 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=1.28 kPa
BV: STAD 20; Dp=23.5 kPa; Presetting=1.18 turns
CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 1 m; Dp=0.249 kPa; Linear Dp=237 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.102 kPa



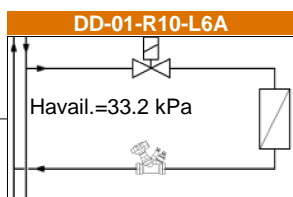
0.12 l/s; Hmin=14.9 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.16 kPa
 BV: STAD 20; Dp=23.3 kPa; Presetting=1.19 turns
 CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 7 m; Dp=1.58 kPa; Linear Dp=214 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.096 kPa



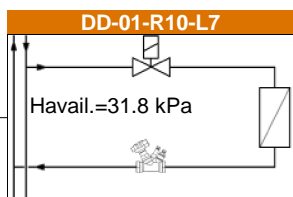
0.12 l/s; Hmin=14.8 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.05 kPa
 BV: STAD 20; Dp=21.7 kPa; Presetting=1.23 turns
 CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 1 m; Dp=0.202 kPa; Linear Dp=193 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.091 kPa



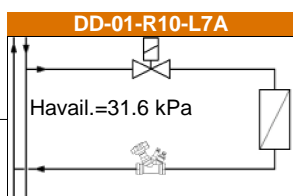
0.12 l/s; Hmin=14.7 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.944 kPa
 BV: STAD 20; Dp=21.5 kPa; Presetting=1.23 turns
 CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 7 m; Dp=1.27 kPa; Linear Dp=172 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.085 kPa



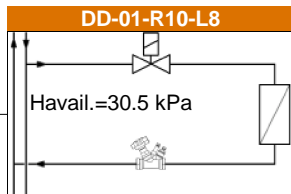
0.12 l/s; Hmin=14.6 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.843 kPa
 BV: STAD 20; Dp=20.2 kPa; Presetting=1.26 turns
 CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 1 m; Dp=0.16 kPa; Linear Dp=153 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.079 kPa



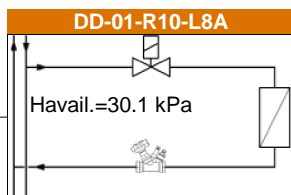
0.12 l/s; Hmin=14.5 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.744 kPa
 BV: STAD 20; Dp=20.1 kPa; Presetting=1.27 turns
 CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 7 m; Dp=0.989 kPa; Linear Dp=135 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.073 kPa



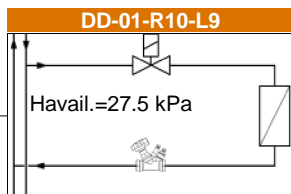
0.12 l/s; Hmin=14.4 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.657 kPa
 BV: STAD 20; Dp=19.1 kPa; Presetting=1.30 turns
 CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 40 (1 1/2"); 1 m; Dp=0.4 kPa; Linear Dp=381 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.175 kPa



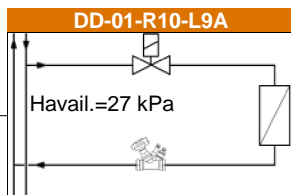
0.12 l/s; Hmin=15.1 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.38 kPa
 BV: STAD 20; Dp=18 kPa; Presetting=1.33 turns
 CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 40 (1 1/2"); 7 m; Dp=2.41 kPa; Linear Dp=328 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.16 kPa



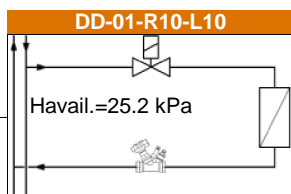
0.12 l/s; Hmin=14.9 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.19 kPa
 BV: STAD 20; Dp=15.6 kPa; Presetting=1.41 turns
 CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 40 (1 1/2"); 1 m; Dp=0.293 kPa; Linear Dp=279 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.145 kPa



0.12 l/s; Hmin=14.7 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.02 kPa
 BV: STAD 20; Dp=15.3 kPa; Presetting=1.42 turns
 CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 40 (1 1/2"); 7 m; Dp=1.72 kPa; Linear Dp=234 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.13 kPa

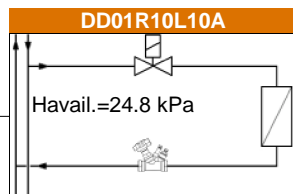


0.12 l/s; Hmin=14.6 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.851 kPa
 BV: STAD 20; Dp=13.6 kPa; Presetting=1.48 turns
 CV:Kvs=2.6; Dp=2.76 kPa

Date: 11/4/2012

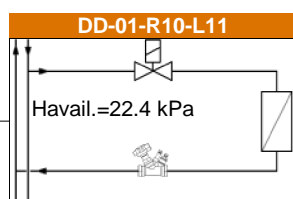
Project: MGM Vietnam

Pipe: 40 (1 1/2"); 1 m; Dp=0.202 kPa; Linear Dp=193 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.114 kPa



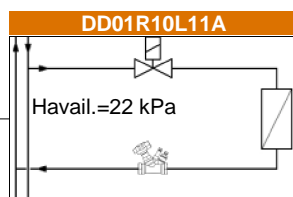
0.12 l/s; Hmin=14.4 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.695 kPa
BV: STAD 20; Dp=13.4 kPa; Presetting=1.49 turns
CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 32 (1 1/4"); 7 m; Dp=2.42 kPa; Linear Dp=330 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.179 kPa



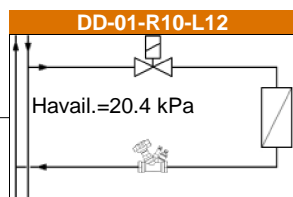
0.12 l/s; Hmin=14.7 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.989 kPa
BV: STAD 20; Dp=10.7 kPa; Presetting=1.61 turns
CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 32 (1 1/4"); 1 m; Dp=0.27 kPa; Linear Dp=257 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.149 kPa



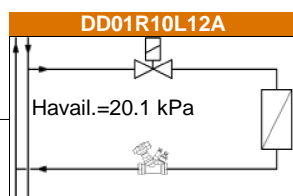
0.12 l/s; Hmin=14.5 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.77 kPa
BV: STAD 20; Dp=10.5 kPa; Presetting=1.62 turns
CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 32 (1 1/4"); 7 m; Dp=1.42 kPa; Linear Dp=194 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.121 kPa



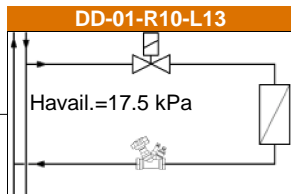
0.12 l/s; Hmin=14.3 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.594 kPa
BV: STAD 20; Dp=9.1 kPa; Presetting=1.69 turns
CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 32 (1 1/4"); 1 m; Dp=0.146 kPa; Linear Dp=139 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.101 kPa



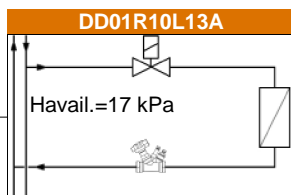
0.12 l/s; Hmin=14.2 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.489 kPa
BV: STAD 20; Dp=8.93 kPa; Presetting=1.70 turns
CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 25 (1"); 7 m; Dp=2.67 kPa; Linear Dp=363 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.272 kPa



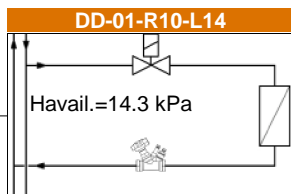
0.12 l/s; Hmin=14.5 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.763 kPa
 BV: STAD 20; Dp=5.99 kPa; Presetting=1.91 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 25 (1"); 1 m; Dp=0.225 kPa; Linear Dp=214 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.198 kPa



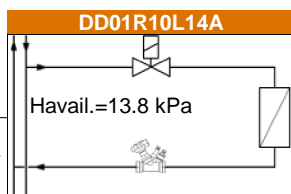
0.12 l/s; Hmin=14.2 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.504 kPa
 BV: STAD 20; Dp=5.76 kPa; Presetting=1.94 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 20 (3/4"); 8 m; Dp=2.67 kPa; Linear Dp=318 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.241 kPa



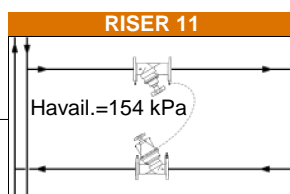
0.12 l/s; Hmin=14.2 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.535 kPa
 BV: STAD 20; Dp=3.05 kPa; Presetting=2.33 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 15 (1/2"); 1 m; Dp=0.415 kPa; Linear Dp=396 Pa/m (** Generic Steel Pipes **)



0.12 l/s; Hmin=13.8 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Elbow 90°; Dp=0.107 kPa
 BV: STAD 20; Dp=3 kPa; Presetting=2.34 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 200 (8"); 1 m; Dp=0.057 kPa; Linear Dp=53.8 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.173 kPa

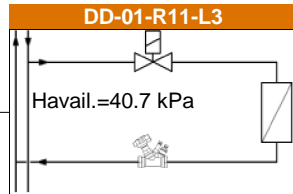


2.88 l/s; Hmin=53.6 kPa
 MV: STAF 65-2; Dp=3 kPa; Presetting=5.46 turns
 DpC: STAP 65; DpL=42.3 kPa

Date: 11/4/2012

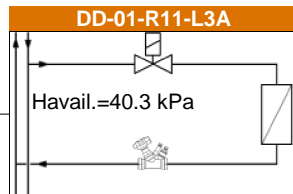
Project: MGM Vietnam

Pipe: 65 (2 1/2"); 16 m; Dp=1.68 kPa; Linear Dp=100 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.046 kPa



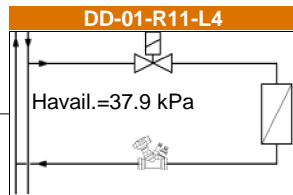
0.12 l/s; Hmin=14.4 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.676 kPa
BV: STAD 20; Dp=29.3 kPa; Presetting=1.05 turns
CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 1 m; Dp=0.356 kPa; Linear Dp=339 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.125 kPa



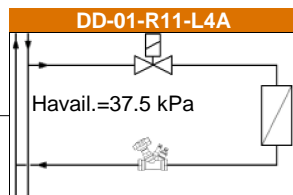
0.12 l/s; Hmin=15.3 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=1.61 kPa
BV: STAD 20; Dp=28 kPa; Presetting=1.08 turns
CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 7 m; Dp=2.29 kPa; Linear Dp=312 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.119 kPa



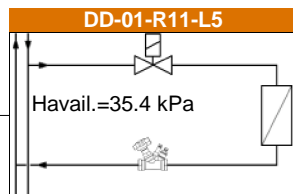
0.12 l/s; Hmin=15.2 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=1.51 kPa
BV: STAD 20; Dp=25.7 kPa; Presetting=1.13 turns
CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 1 m; Dp=0.3 kPa; Linear Dp=286 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.114 kPa



0.12 l/s; Hmin=15.1 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=1.39 kPa
BV: STAD 20; Dp=25.4 kPa; Presetting=1.14 turns
CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 7 m; Dp=1.92 kPa; Linear Dp=261 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.108 kPa

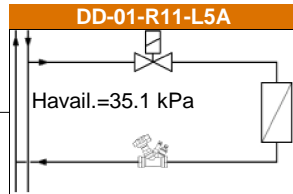


0.12 l/s; Hmin=15 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=1.28 kPa
BV: STAD 20; Dp=23.4 kPa; Presetting=1.18 turns
CV:Kvs=2.6; Dp=2.76 kPa

Date: 11/4/2012

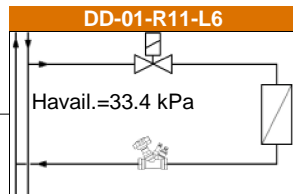
Project: MGM Vietnam

Pipe: 50 (2"); 1 m; Dp=0.249 kPa; Linear Dp=237 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.102 kPa



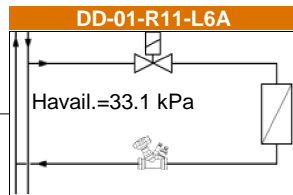
0.12 l/s; Hmin=14.9 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=1.16 kPa
BV: STAD 20; Dp=23.2 kPa; Presetting=1.19 turns
CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 7 m; Dp=1.58 kPa; Linear Dp=214 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.096 kPa



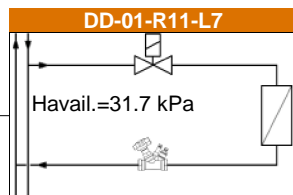
0.12 l/s; Hmin=14.8 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=1.05 kPa
BV: STAD 20; Dp=21.6 kPa; Presetting=1.23 turns
CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 1 m; Dp=0.202 kPa; Linear Dp=193 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.091 kPa



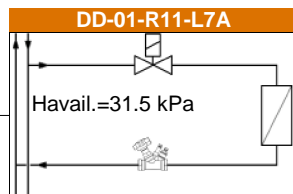
0.12 l/s; Hmin=14.7 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.944 kPa
BV: STAD 20; Dp=21.4 kPa; Presetting=1.23 turns
CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 7 m; Dp=1.27 kPa; Linear Dp=172 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.085 kPa



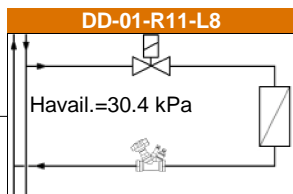
0.12 l/s; Hmin=14.6 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.843 kPa
BV: STAD 20; Dp=20.2 kPa; Presetting=1.27 turns
CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 1 m; Dp=0.16 kPa; Linear Dp=153 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.079 kPa



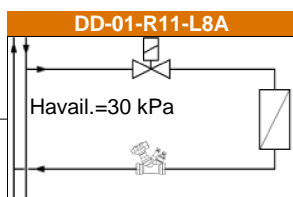
0.12 l/s; Hmin=14.5 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.744 kPa
BV: STAD 20; Dp=20 kPa; Presetting=1.27 turns
CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 7 m; Dp=0.989 kPa; Linear Dp=135 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.073 kPa



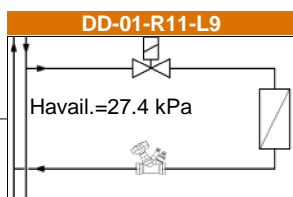
0.12 l/s; Hmin=14.4 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.657 kPa
 BV: STAD 20; Dp=19.1 kPa; Presetting=1.30 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 40 (1 1/2"); 1 m; Dp=0.4 kPa; Linear Dp=381 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.175 kPa



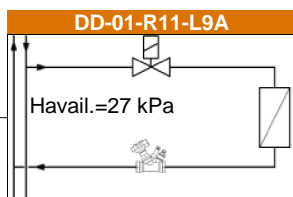
0.12 l/s; Hmin=15.1 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.38 kPa
 BV: STAD 20; Dp=17.9 kPa; Presetting=1.33 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 40 (1 1/2"); 7 m; Dp=2.41 kPa; Linear Dp=328 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.16 kPa



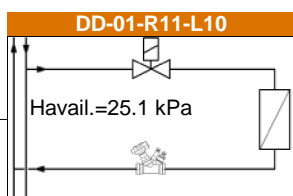
0.12 l/s; Hmin=14.9 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.19 kPa
 BV: STAD 20; Dp=15.5 kPa; Presetting=1.41 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 40 (1 1/2"); 1 m; Dp=0.293 kPa; Linear Dp=279 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.145 kPa



0.12 l/s; Hmin=14.7 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.02 kPa
 BV: STAD 20; Dp=15.3 kPa; Presetting=1.42 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 40 (1 1/2"); 7 m; Dp=1.72 kPa; Linear Dp=234 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.13 kPa

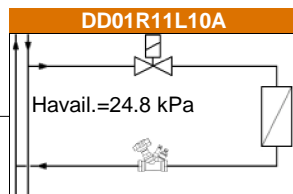


0.12 l/s; Hmin=14.6 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.851 kPa
 BV: STAD 20; Dp=13.6 kPa; Presetting=1.48 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Date: 11/4/2012

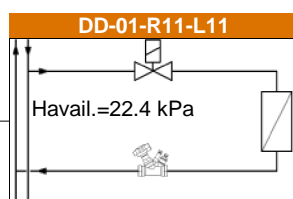
Project: MGM Vietnam

Pipe: 40 (1 1/2"); 1 m; Dp=0.202 kPa; Linear Dp=193 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.114 kPa



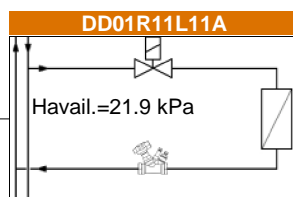
0.12 l/s; Hmin=14.4 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.695 kPa
BV: STAD 20; Dp=13.4 kPa; Presetting=1.49 turns
CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 32 (1 1/4"); 7 m; Dp=2.42 kPa; Linear Dp=330 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.179 kPa



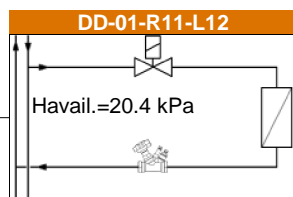
0.12 l/s; Hmin=14.7 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.989 kPa
BV: STAD 20; Dp=10.7 kPa; Presetting=1.61 turns
CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 32 (1 1/4"); 1 m; Dp=0.27 kPa; Linear Dp=257 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.149 kPa



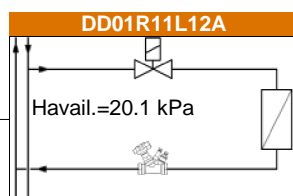
0.12 l/s; Hmin=14.5 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.77 kPa
BV: STAD 20; Dp=10.4 kPa; Presetting=1.62 turns
CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 32 (1 1/4"); 7 m; Dp=1.42 kPa; Linear Dp=194 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.121 kPa



0.12 l/s; Hmin=14.3 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.594 kPa
BV: STAD 20; Dp=9.04 kPa; Presetting=1.69 turns
CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 32 (1 1/4"); 1 m; Dp=0.146 kPa; Linear Dp=139 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.101 kPa

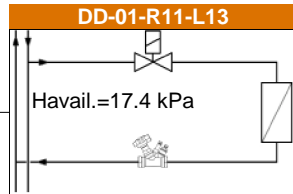


0.12 l/s; Hmin=14.2 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.489 kPa
BV: STAD 20; Dp=8.88 kPa; Presetting=1.70 turns
CV:Kvs=2.6; Dp=2.76 kPa

Date: 11/4/2012

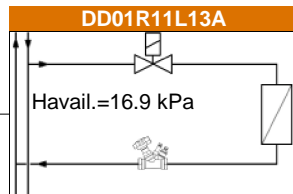
Project: MGM Vietnam

Pipe: 25 (1"); 7 m; Dp=2.67 kPa; Linear Dp=363 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.272 kPa



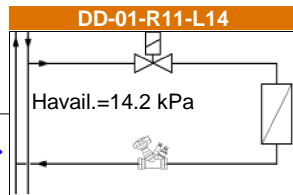
0.12 l/s; Hmin=14.5 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.763 kPa
BV: STAD 20; Dp=5.94 kPa; Presetting=1.92 turns
CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 25 (1"); 1 m; Dp=0.225 kPa; Linear Dp=214 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.198 kPa



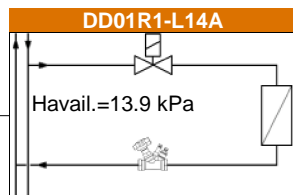
0.12 l/s; Hmin=14.2 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.504 kPa
BV: STAD 20; Dp=5.7 kPa; Presetting=1.94 turns
CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 20 (3/4"); 8 m; Dp=2.67 kPa; Linear Dp=318 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.241 kPa



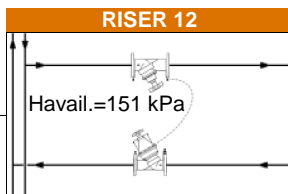
0.12 l/s; Hmin=14.2 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.535 kPa
BV: STAD 20; Dp=3 kPa; Presetting=2.34 turns
CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 20 (3/4"); 1 m; Dp=0.096 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)



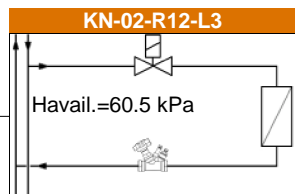
0.12 l/s; Hmin=13.8 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Elbow 90°; Dp=0.107 kPa
BV: STAD 20; Dp=3.09 kPa; Presetting=2.32 turns
CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 150 (6"); 18 m; Dp=3.73 kPa; Linear Dp=198 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.83 kPa



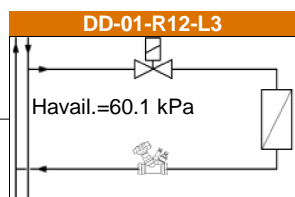
5.7 l/s; Hmin=101 kPa
MV: STAF 65-2; Dp=5.82 kPa; Presetting=8.00* turns
DpC: STAP 65; DpL=62.5 kPa

Pipe: 80 (3"); 12 m; Dp=2.03 kPa; Linear Dp=161 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.049 kPa



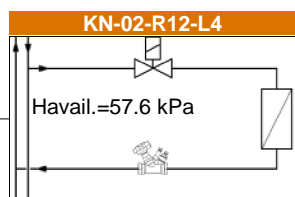
0.12 l/s; Hmin=15 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.33 kPa
 BV: STAD 20; Dp=48.4 kPa; Presetting=0.69 turns
 CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 65 (2 1/2"); 1 m; Dp=0.363 kPa; Linear Dp=345 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.092 kPa



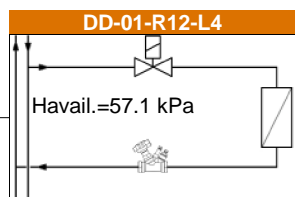
0.12 l/s; Hmin=15.8 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=2.09 kPa
 BV: STAD 20; Dp=47.3 kPa; Presetting=0.71 turns
 CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 65 (2 1/2"); 7 m; Dp=2.44 kPa; Linear Dp=332 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.09 kPa



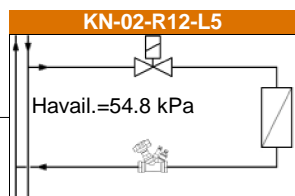
0.12 l/s; Hmin=15.7 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=2.03 kPa
 BV: STAD 20; Dp=44.8 kPa; Presetting=0.75 turns
 CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 65 (2 1/2"); 1 m; Dp=0.334 kPa; Linear Dp=318 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.088 kPa



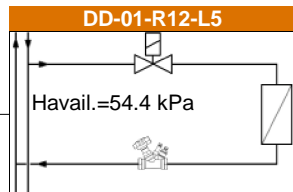
0.12 l/s; Hmin=15.7 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.97 kPa
 BV: STAD 20; Dp=44.5 kPa; Presetting=0.76 turns
 CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 65 (2 1/2"); 7 m; Dp=2.24 kPa; Linear Dp=305 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.086 kPa



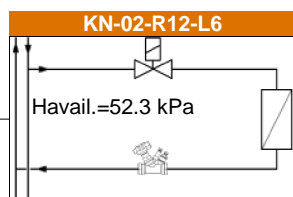
0.12 l/s; Hmin=15.6 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.91 kPa
 BV: STAD 20; Dp=42.2 kPa; Presetting=0.80 turns
 CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 65 (2 1/2"); 1 m; Dp=0.306 kPa; Linear Dp=291 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.084 kPa



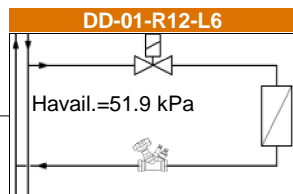
0.12 l/s; Hmin=15.6 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.85 kPa
 BV: STAD 20; Dp=41.9 kPa; Presetting=0.81 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 65 (2 1/2"); 7 m; Dp=2.05 kPa; Linear Dp=279 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.082 kPa



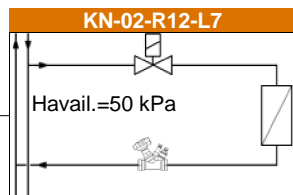
0.12 l/s; Hmin=15.5 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.79 kPa
 BV: STAD 20; Dp=39.8 kPa; Presetting=0.85 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 65 (2 1/2"); 1 m; Dp=0.28 kPa; Linear Dp=266 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.08 kPa



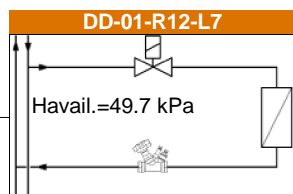
0.12 l/s; Hmin=15.4 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.73 kPa
 BV: STAD 20; Dp=39.5 kPa; Presetting=0.86 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 65 (2 1/2"); 7 m; Dp=1.87 kPa; Linear Dp=254 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.078 kPa



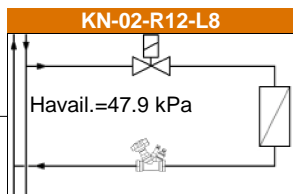
0.12 l/s; Hmin=15.4 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.66 kPa
 BV: STAD 20; Dp=37.6 kPa; Presetting=0.90 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 65 (2 1/2"); 1 m; Dp=0.254 kPa; Linear Dp=242 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.076 kPa



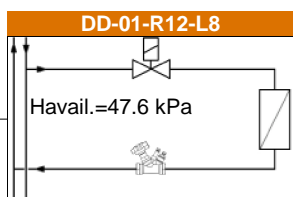
0.12 l/s; Hmin=15.3 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.6 kPa
 BV: STAD 20; Dp=37.3 kPa; Presetting=0.90 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 65 (2 1/2"); 7 m; Dp=1.69 kPa; Linear Dp=230 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.074 kPa



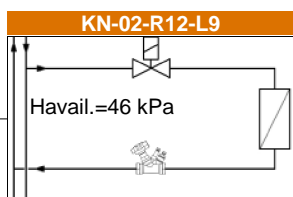
0.12 l/s; Hmin=15.2 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.53 kPa
 BV: STAD 20; Dp=35.6 kPa; Presetting=0.94 turns
 CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 65 (2 1/2"); 1 m; Dp=0.23 kPa; Linear Dp=219 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.071 kPa



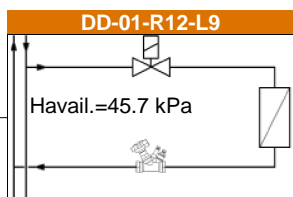
0.12 l/s; Hmin=15.2 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.47 kPa
 BV: STAD 20; Dp=35.4 kPa; Presetting=0.94 turns
 CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 65 (2 1/2"); 7 m; Dp=1.53 kPa; Linear Dp=208 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.069 kPa



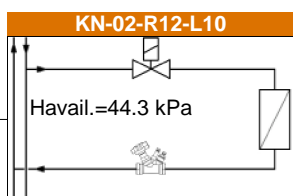
0.12 l/s; Hmin=15.1 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.4 kPa
 BV: STAD 20; Dp=33.9 kPa; Presetting=0.97 turns
 CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 65 (2 1/2"); 1 m; Dp=0.207 kPa; Linear Dp=197 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.067 kPa



0.12 l/s; Hmin=15 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.33 kPa
 BV: STAD 20; Dp=33.7 kPa; Presetting=0.97 turns
 CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 65 (2 1/2"); 7 m; Dp=1.37 kPa; Linear Dp=186 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.065 kPa

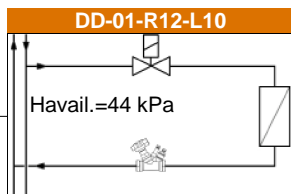


0.12 l/s; Hmin=15 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.26 kPa
 BV: STAD 20; Dp=32.3 kPa; Presetting=1.00 turns
 CV:Kvs=2.6; Dp=2.76 kPa

Date: 11/4/2012

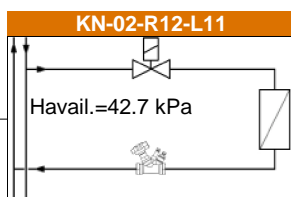
Project: MGM Vietnam

Pipe: 65 (2 1/2"); 1 m; Dp=0.185 kPa; Linear Dp=176 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.063 kPa



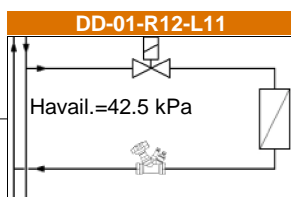
0.12 l/s; Hmin=14.9 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=1.19 kPa
BV: STAD 20; Dp=32.1 kPa; Presetting=1.00 turns
CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 65 (2 1/2"); 7 m; Dp=1.22 kPa; Linear Dp=166 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.061 kPa



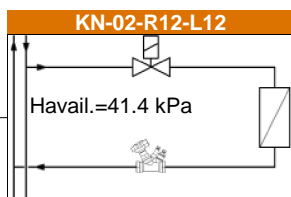
0.12 l/s; Hmin=14.8 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=1.13 kPa
BV: STAD 20; Dp=30.9 kPa; Presetting=1.02 turns
CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 65 (2 1/2"); 1 m; Dp=0.164 kPa; Linear Dp=157 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.059 kPa



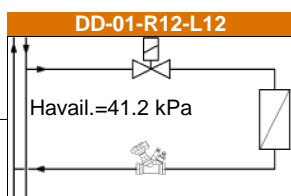
0.12 l/s; Hmin=14.8 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=1.06 kPa
BV: STAD 20; Dp=30.7 kPa; Presetting=1.03 turns
CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 65 (2 1/2"); 7 m; Dp=1.08 kPa; Linear Dp=147 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.057 kPa



0.12 l/s; Hmin=14.7 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.996 kPa
BV: STAD 20; Dp=29.7 kPa; Presetting=1.05 turns
CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 65 (2 1/2"); 1 m; Dp=0.145 kPa; Linear Dp=138 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.055 kPa

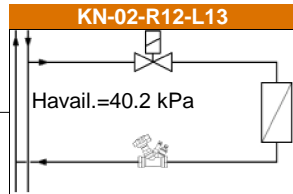


0.12 l/s; Hmin=14.6 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.935 kPa
BV: STAD 20; Dp=29.5 kPa; Presetting=1.05 turns
CV:Kvs=2.6; Dp=2.76 kPa

Date: 11/4/2012

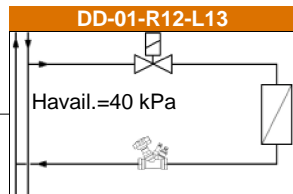
Project: MGM Vietnam

Pipe: 65 (2 1/2"); 7 m; Dp=0.949 kPa; Linear Dp=129 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.053 kPa



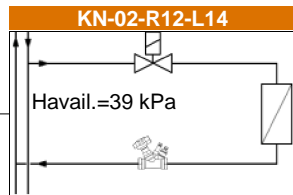
0.12 l/s; Hmin=14.6 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.875 kPa
 BV: STAD 20; Dp=28.6 kPa; Presetting=1.07 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 65 (2 1/2"); 1 m; Dp=0.127 kPa; Linear Dp=120 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.051 kPa



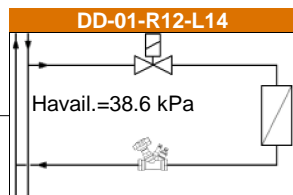
0.12 l/s; Hmin=14.5 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.816 kPa
 BV: STAD 20; Dp=28.5 kPa; Presetting=1.07 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 65 (2 1/2"); 8 m; Dp=0.942 kPa; Linear Dp=112 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.049 kPa



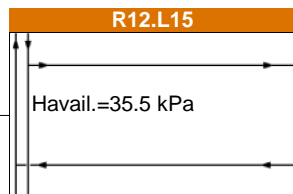
0.12 l/s; Hmin=14.5 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.757 kPa
 BV: STAD 20; Dp=27.5 kPa; Presetting=1.09 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 1 m; Dp=0.401 kPa; Linear Dp=382 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.134 kPa



0.12 l/s; Hmin=15.5 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.77 kPa
 BV: STAD 20; Dp=26.1 kPa; Presetting=1.12 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 8 m; Dp=2.96 kPa; Linear Dp=353 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.842 kPa



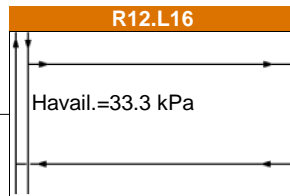
COPY TO L16,17
 0.94 l/s; Hmin=35.5 kPa

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Date: 11/4/2012

Project: MGM Vietnam

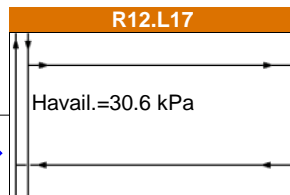
Pipe: 50 (2"); 8 m; Dp=1.39 kPa; Linear Dp=166 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.408 kPa



COPY TO L16,17
 0.94 l/s; Hmin=33.3 kPa

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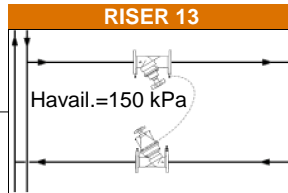
Pipe: 32 (1 1/4"); 8 m; Dp=2.66 kPa; Linear Dp=317 Pa/m (** Generic Steel Pipes **)



COPY TO L16,17
 0.94 l/s; Hmin=30.6 kPa

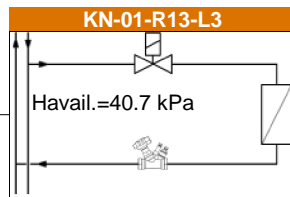
- Page : 170

Pipe: 150 (6"); 1 m; Dp=0.149 kPa; Linear Dp=142 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.414 kPa



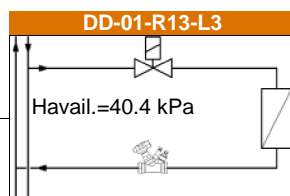
2.88 l/s; Hmin=50.4 kPa
 MV: STAF 80; Dp=3 kPa; Presetting=5.18 turns
 DpC: STAP 80; DpL=42.4 kPa

Pipe: 65 (2 1/2"); 16 m; Dp=1.68 kPa; Linear Dp=100 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.046 kPa



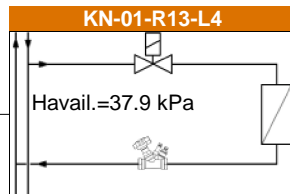
0.12 l/s; Hmin=14.4 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.676 kPa
 BV: STAD 20; Dp=29.3 kPa; Presetting=1.05 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 1 m; Dp=0.356 kPa; Linear Dp=339 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.125 kPa



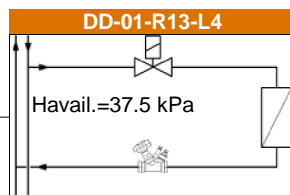
0.12 l/s; Hmin=15.3 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.61 kPa
 BV: STAD 20; Dp=28 kPa; Presetting=1.08 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 7 m; Dp=2.29 kPa; Linear Dp=312 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.119 kPa



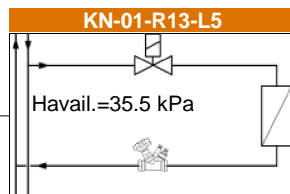
0.12 l/s; Hmin=15.2 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.51 kPa
 BV: STAD 20; Dp=25.7 kPa; Presetting=1.13 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 1 m; Dp=0.3 kPa; Linear Dp=286 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.114 kPa



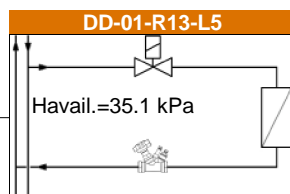
0.12 l/s; Hmin=15.1 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.39 kPa
 BV: STAD 20; Dp=25.4 kPa; Presetting=1.13 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 7 m; Dp=1.92 kPa; Linear Dp=261 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.108 kPa



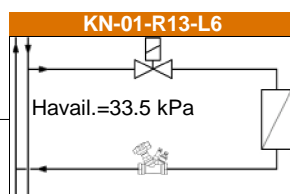
0.12 l/s; Hmin=15 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.28 kPa
 BV: STAD 20; Dp=23.5 kPa; Presetting=1.18 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 1 m; Dp=0.249 kPa; Linear Dp=237 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.102 kPa



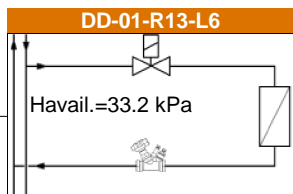
0.12 l/s; Hmin=14.9 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.16 kPa
 BV: STAD 20; Dp=23.3 kPa; Presetting=1.19 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 7 m; Dp=1.58 kPa; Linear Dp=214 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.096 kPa



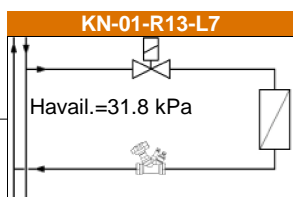
0.12 l/s; Hmin=14.8 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.05 kPa
 BV: STAD 20; Dp=21.7 kPa; Presetting=1.23 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 1 m; Dp=0.202 kPa; Linear Dp=193 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.091 kPa



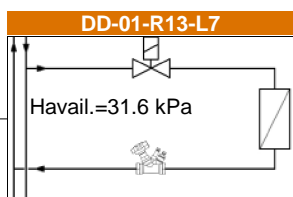
0.12 l/s; Hmin=15.7 kPa
 TU: Dp=8 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.944 kPa
 BV: STAD 20; Dp=20.5 kPa; Presetting=1.26 turns
 CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 7 m; Dp=1.27 kPa; Linear Dp=172 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.085 kPa



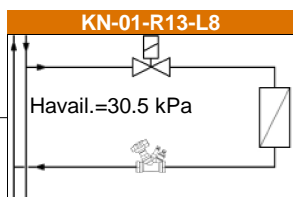
0.12 l/s; Hmin=14.6 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.843 kPa
 BV: STAD 20; Dp=20.2 kPa; Presetting=1.26 turns
 CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 1 m; Dp=0.16 kPa; Linear Dp=153 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.079 kPa



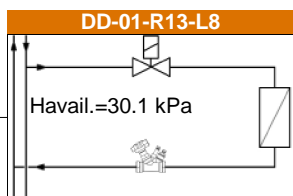
0.12 l/s; Hmin=14.5 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.744 kPa
 BV: STAD 20; Dp=20.1 kPa; Presetting=1.27 turns
 CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 7 m; Dp=0.989 kPa; Linear Dp=135 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.073 kPa



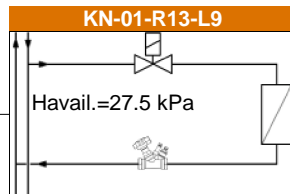
0.12 l/s; Hmin=14.4 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.657 kPa
 BV: STAD 20; Dp=19.1 kPa; Presetting=1.30 turns
 CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 40 (1 1/2"); 1 m; Dp=0.4 kPa; Linear Dp=381 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.175 kPa



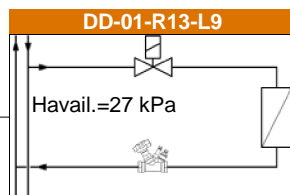
0.12 l/s; Hmin=15.1 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.38 kPa
 BV: STAD 20; Dp=18 kPa; Presetting=1.33 turns
 CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 40 (1 1/2"); 7 m; Dp=2.41 kPa; Linear Dp=328 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.16 kPa



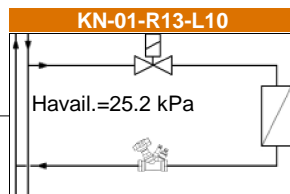
0.12 l/s; Hmin=14.9 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.19 kPa
 BV: STAD 20; Dp=15.6 kPa; Presetting=1.41 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 40 (1 1/2"); 1 m; Dp=0.293 kPa; Linear Dp=279 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.145 kPa



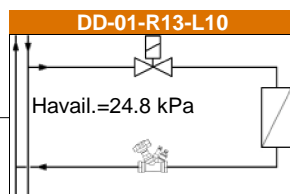
0.12 l/s; Hmin=14.7 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.02 kPa
 BV: STAD 20; Dp=15.3 kPa; Presetting=1.42 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 40 (1 1/2"); 7 m; Dp=1.72 kPa; Linear Dp=234 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.13 kPa



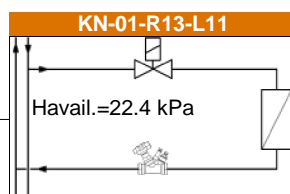
0.12 l/s; Hmin=14.6 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.851 kPa
 BV: STAD 20; Dp=13.6 kPa; Presetting=1.48 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 40 (1 1/2"); 1 m; Dp=0.202 kPa; Linear Dp=193 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.114 kPa



0.12 l/s; Hmin=14.4 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.695 kPa
 BV: STAD 20; Dp=13.4 kPa; Presetting=1.49 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 32 (1 1/4"); 7 m; Dp=2.42 kPa; Linear Dp=330 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.179 kPa

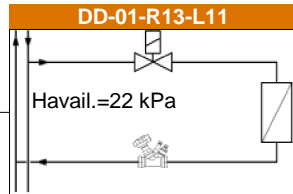


0.12 l/s; Hmin=14.7 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.989 kPa
 BV: STAD 20; Dp=10.7 kPa; Presetting=1.61 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Date: 11/4/2012

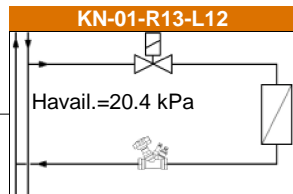
Project: MGM Vietnam

Pipe: 32 (1 1/4"); 1 m; Dp=0.27 kPa; Linear Dp=257 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.149 kPa



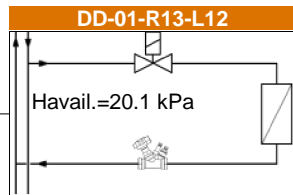
0.12 l/s; Hmin=14.5 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.77 kPa
BV: STAD 20; Dp=10.5 kPa; Presetting=1.62 turns
CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 32 (1 1/4"); 7 m; Dp=1.42 kPa; Linear Dp=194 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.121 kPa



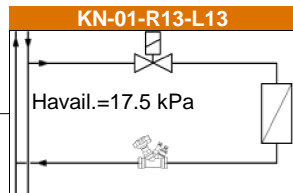
0.12 l/s; Hmin=14.3 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.594 kPa
BV: STAD 20; Dp=9.1 kPa; Presetting=1.69 turns
CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 32 (1 1/4"); 1 m; Dp=0.146 kPa; Linear Dp=139 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.101 kPa



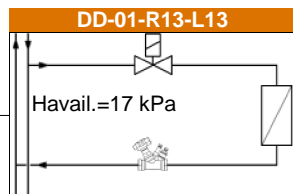
0.12 l/s; Hmin=14.2 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.489 kPa
BV: STAD 20; Dp=8.93 kPa; Presetting=1.70 turns
CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 25 (1"); 7 m; Dp=2.67 kPa; Linear Dp=363 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.272 kPa



0.12 l/s; Hmin=14.5 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.763 kPa
BV: STAD 20; Dp=5.99 kPa; Presetting=1.91 turns
CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 25 (1"); 1 m; Dp=0.225 kPa; Linear Dp=214 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.198 kPa

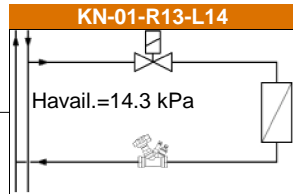


0.12 l/s; Hmin=14.2 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.504 kPa
BV: STAD 20; Dp=5.76 kPa; Presetting=1.94 turns
CV:Kvs=2.6; Dp=2.76 kPa

Date: 11/4/2012

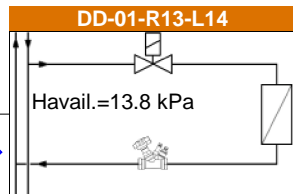
Project: MGM Vietnam

Pipe: 20 (3/4"); 8 m; Dp=2.67 kPa; Linear Dp=318 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.241 kPa



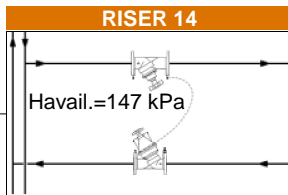
0.12 l/s; Hmin=14.2 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.535 kPa
BV: STAD 20; Dp=3.05 kPa; Presetting=2.33 turns
CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 15 (1/2"); 1 m; Dp=0.415 kPa; Linear Dp=396 Pa/m (** Generic Steel Pipes **)



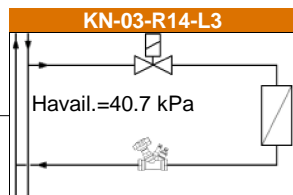
0.12 l/s; Hmin=13.8 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Elbow 90°; Dp=0.107 kPa
BV: STAD 20; Dp=3 kPa; Presetting=2.34 turns
CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 150 (6"); 18 m; Dp=2.21 kPa; Linear Dp=117 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.368 kPa



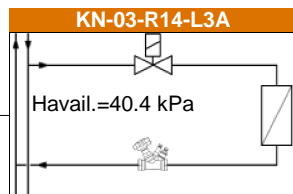
2.88 l/s; Hmin=53.3 kPa
MV: STAF 65-2; Dp=3 kPa; Presetting=5.46 turns
DpC: STAP 65; DpL=42 kPa

Pipe: 65 (2 1/2"); 12 m; Dp=1.26 kPa; Linear Dp=100 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.046 kPa



0.12 l/s; Hmin=14.4 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.676 kPa
BV: STAD 20; Dp=29.3 kPa; Presetting=1.05 turns
CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 1 m; Dp=0.356 kPa; Linear Dp=339 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.125 kPa

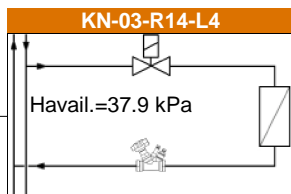


0.12 l/s; Hmin=15.3 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=1.61 kPa
BV: STAD 20; Dp=28 kPa; Presetting=1.08 turns
CV:Kvs=2.6; Dp=2.76 kPa

Date: 11/4/2012

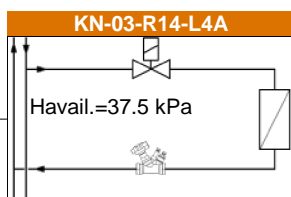
Project: MGM Vietnam

Pipe: 50 (2"); 7 m; Dp=2.29 kPa; Linear Dp=312 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.119 kPa



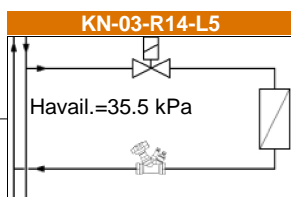
0.12 l/s; Hmin=15.2 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=1.51 kPa
BV: STAD 20; Dp=25.7 kPa; Presetting=1.13 turns
CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 1 m; Dp=0.3 kPa; Linear Dp=286 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.114 kPa



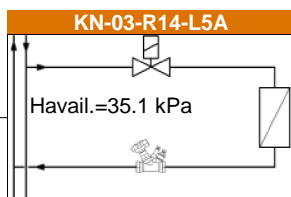
0.12 l/s; Hmin=15.1 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=1.39 kPa
BV: STAD 20; Dp=25.4 kPa; Presetting=1.13 turns
CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 7 m; Dp=1.92 kPa; Linear Dp=261 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.108 kPa



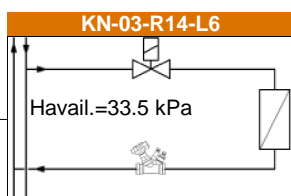
0.12 l/s; Hmin=15 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=1.28 kPa
BV: STAD 20; Dp=23.5 kPa; Presetting=1.18 turns
CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 1 m; Dp=0.249 kPa; Linear Dp=237 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.102 kPa



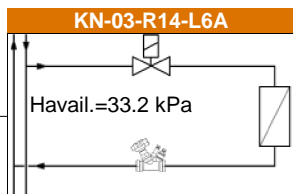
0.12 l/s; Hmin=14.9 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=1.16 kPa
BV: STAD 20; Dp=23.3 kPa; Presetting=1.19 turns
CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 7 m; Dp=1.58 kPa; Linear Dp=214 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.096 kPa



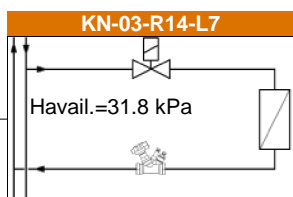
0.12 l/s; Hmin=14.8 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=1.05 kPa
BV: STAD 20; Dp=21.7 kPa; Presetting=1.23 turns
CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 1 m; Dp=0.202 kPa; Linear Dp=193 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.091 kPa



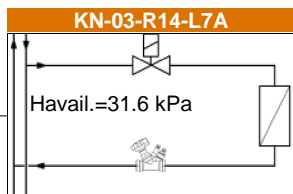
0.12 l/s; Hmin=14.7 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.944 kPa
 BV: STAD 20; Dp=21.5 kPa; Presetting=1.23 turns
 CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 7 m; Dp=1.27 kPa; Linear Dp=172 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.085 kPa



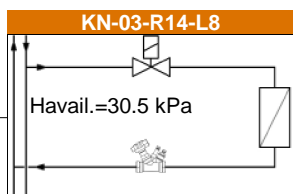
0.12 l/s; Hmin=14.6 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.843 kPa
 BV: STAD 20; Dp=20.2 kPa; Presetting=1.26 turns
 CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 1 m; Dp=0.16 kPa; Linear Dp=153 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.079 kPa



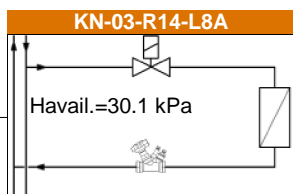
0.12 l/s; Hmin=14.5 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.744 kPa
 BV: STAD 20; Dp=20.1 kPa; Presetting=1.27 turns
 CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 7 m; Dp=0.989 kPa; Linear Dp=135 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.073 kPa



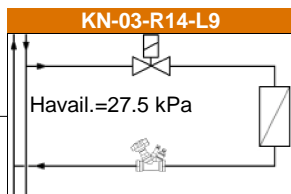
0.12 l/s; Hmin=14.4 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.657 kPa
 BV: STAD 20; Dp=19.1 kPa; Presetting=1.30 turns
 CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 40 (1 1/2"); 1 m; Dp=0.4 kPa; Linear Dp=381 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.175 kPa



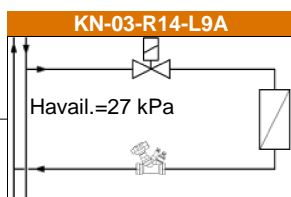
0.12 l/s; Hmin=15.1 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.38 kPa
 BV: STAD 20; Dp=18 kPa; Presetting=1.33 turns
 CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 40 (1 1/2"); 7 m; Dp=2.41 kPa; Linear Dp=328 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.16 kPa



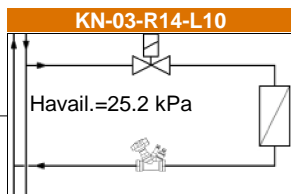
0.12 l/s; Hmin=14.9 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.19 kPa
 BV: STAD 20; Dp=15.6 kPa; Presetting=1.41 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 40 (1 1/2"); 1 m; Dp=0.293 kPa; Linear Dp=279 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.145 kPa



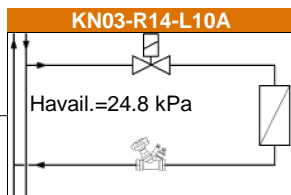
0.12 l/s; Hmin=14.7 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.02 kPa
 BV: STAD 20; Dp=15.3 kPa; Presetting=1.42 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 40 (1 1/2"); 7 m; Dp=1.72 kPa; Linear Dp=234 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.13 kPa



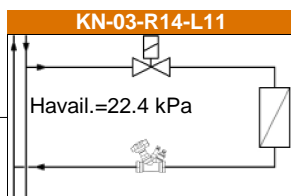
0.12 l/s; Hmin=14.6 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.851 kPa
 BV: STAD 20; Dp=13.6 kPa; Presetting=1.48 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 40 (1 1/2"); 1 m; Dp=0.202 kPa; Linear Dp=193 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.114 kPa



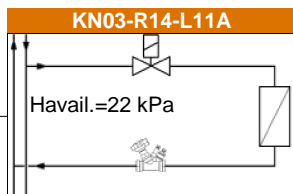
0.12 l/s; Hmin=14.4 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.695 kPa
 BV: STAD 20; Dp=13.4 kPa; Presetting=1.49 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 32 (1 1/4"); 7 m; Dp=2.42 kPa; Linear Dp=330 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.179 kPa



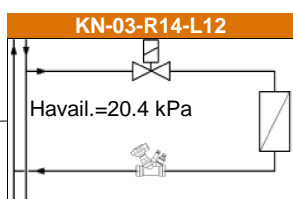
0.12 l/s; Hmin=14.7 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.989 kPa
 BV: STAD 20; Dp=10.7 kPa; Presetting=1.61 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 32 (1 1/4"); 1 m; Dp=0.27 kPa; Linear Dp=257 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.149 kPa



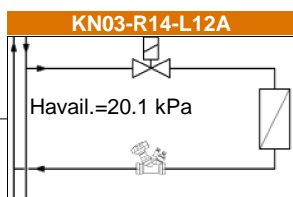
0.12 l/s; Hmin=14.5 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.77 kPa
 BV: STAD 20; Dp=10.5 kPa; Presetting=1.62 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 32 (1 1/4"); 7 m; Dp=1.42 kPa; Linear Dp=194 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.121 kPa



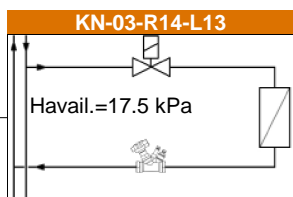
0.12 l/s; Hmin=14.3 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.594 kPa
 BV: STAD 20; Dp=9.1 kPa; Presetting=1.69 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 32 (1 1/4"); 1 m; Dp=0.146 kPa; Linear Dp=139 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.101 kPa



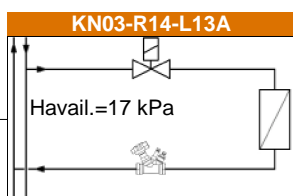
0.12 l/s; Hmin=14.2 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.489 kPa
 BV: STAD 20; Dp=8.93 kPa; Presetting=1.70 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 25 (1"); 7 m; Dp=2.67 kPa; Linear Dp=363 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.272 kPa



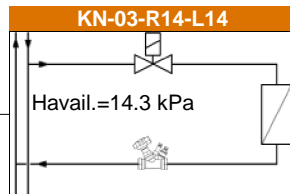
0.12 l/s; Hmin=14.5 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.763 kPa
 BV: STAD 20; Dp=5.99 kPa; Presetting=1.91 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 25 (1"); 1 m; Dp=0.225 kPa; Linear Dp=214 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.198 kPa



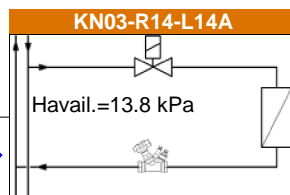
0.12 l/s; Hmin=14.2 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.504 kPa
 BV: STAD 20; Dp=5.76 kPa; Presetting=1.94 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 20 (3/4"); 8 m; Dp=2.67 kPa; Linear Dp=318 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.241 kPa



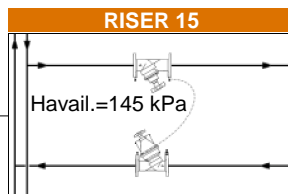
0.12 l/s; Hmin=14.2 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.535 kPa
 BV: STAD 20; Dp=3.05 kPa; Presetting=2.33 turns
 CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 15 (1/2"); 1 m; Dp=0.415 kPa; Linear Dp=396 Pa/m (** Generic Steel Pipes **)



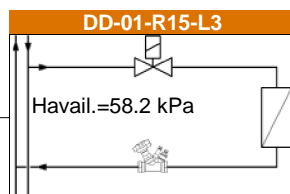
0.12 l/s; Hmin=13.8 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Elbow 90°; Dp=0.107 kPa
 BV: STAD 20; Dp=3 kPa; Presetting=2.34 turns
 CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 150 (6"); 20 m; Dp=1.99 kPa; Linear Dp=94.7 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.416 kPa



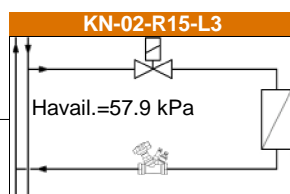
4.29 l/s; Hmin=82.5 kPa
 MV: STAF 65-2; Dp=3.3 kPa; Presetting=8.00* turns
 DpC: STAP 65; DpL=60.9 kPa

Pipe: 65 (2 1/2"); 12 m; Dp=2.65 kPa; Linear Dp=211 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.07 kPa



0.12 l/s; Hmin=15.1 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.42 kPa
 BV: STAD 20; Dp=46.1 kPa; Presetting=0.73 turns
 CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 65 (2 1/2"); 1 m; Dp=0.21 kPa; Linear Dp=200 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.068 kPa

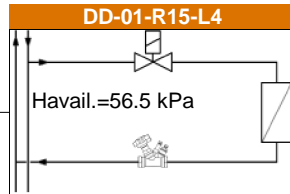


0.12 l/s; Hmin=15.1 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.35 kPa
 BV: STAD 20; Dp=45.9 kPa; Presetting=0.73 turns
 CV:Kvs=2.6; Dp=2.76 kPa

Date: 11/4/2012

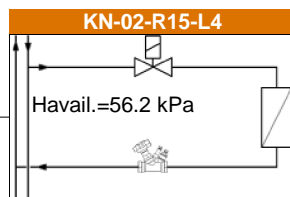
Project: MGM Vietnam

Pipe: 65 (2 1/2"); 7 m; Dp=1.39 kPa; Linear Dp=189 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.066 kPa



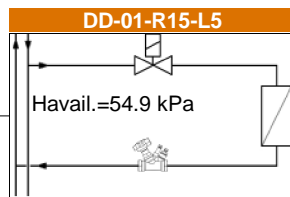
0.12 l/s; Hmin=15 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=1.28 kPa
BV: STAD 20; Dp=44.5 kPa; Presetting=0.76 turns
CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 65 (2 1/2"); 1 m; Dp=0.188 kPa; Linear Dp=179 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.064 kPa



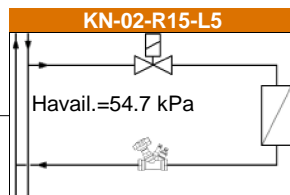
0.12 l/s; Hmin=14.9 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=1.21 kPa
BV: STAD 20; Dp=44.3 kPa; Presetting=0.76 turns
CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 65 (2 1/2"); 7 m; Dp=1.24 kPa; Linear Dp=169 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.062 kPa



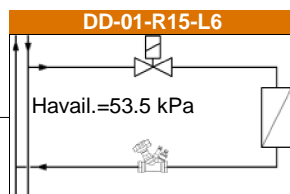
0.12 l/s; Hmin=14.9 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=1.14 kPa
BV: STAD 20; Dp=43.1 kPa; Presetting=0.79 turns
CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 65 (2 1/2"); 1 m; Dp=0.167 kPa; Linear Dp=159 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.06 kPa



0.12 l/s; Hmin=15.8 kPa
TU: Dp=8 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=1.08 kPa
BV: STAD 20; Dp=41.9 kPa; Presetting=0.81 turns
CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 65 (2 1/2"); 7 m; Dp=1.1 kPa; Linear Dp=149 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.058 kPa

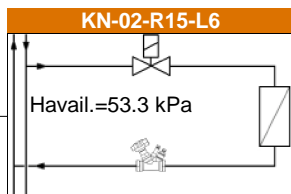


0.12 l/s; Hmin=14.7 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=1.01 kPa
BV: STAD 20; Dp=41.8 kPa; Presetting=0.81 turns
CV:Kvs=2.6; Dp=2.76 kPa

Date: 11/4/2012

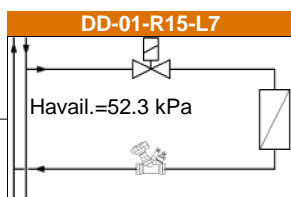
Project: MGM Vietnam

Pipe: 65 (2 1/2"); 1 m; Dp=0.147 kPa; Linear Dp=140 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.056 kPa



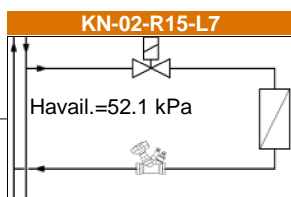
0.12 l/s; Hmin=14.7 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.95 kPa
BV: STAD 20; Dp=41.7 kPa; Presetting=0.81 turns
CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 65 (2 1/2"); 7 m; Dp=0.965 kPa; Linear Dp=131 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.054 kPa



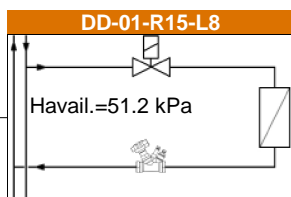
0.12 l/s; Hmin=14.6 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.89 kPa
BV: STAD 20; Dp=40.7 kPa; Presetting=0.83 turns
CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 65 (2 1/2"); 1 m; Dp=0.129 kPa; Linear Dp=123 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.052 kPa



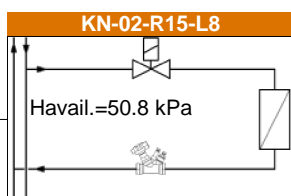
0.12 l/s; Hmin=14.5 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.831 kPa
BV: STAD 20; Dp=40.6 kPa; Presetting=0.84 turns
CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 65 (2 1/2"); 7 m; Dp=0.84 kPa; Linear Dp=114 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.05 kPa



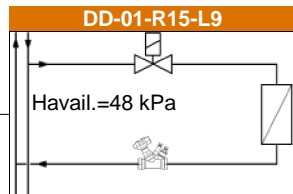
0.12 l/s; Hmin=14.5 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.772 kPa
BV: STAD 20; Dp=39.7 kPa; Presetting=0.85 turns
CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 1 m; Dp=0.409 kPa; Linear Dp=389 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.135 kPa



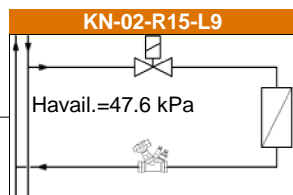
0.12 l/s; Hmin=15.5 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=1.8 kPa
BV: STAD 20; Dp=38.3 kPa; Presetting=0.88 turns
CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 7 m; Dp=2.65 kPa; Linear Dp=360 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.13 kPa



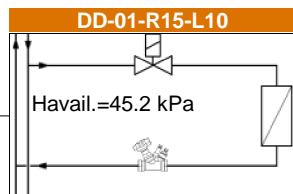
0.12 l/s; Hmin=15.4 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.69 kPa
 BV: STAD 20; Dp=35.6 kPa; Presetting=0.94 turns
 CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 1 m; Dp=0.349 kPa; Linear Dp=332 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.124 kPa



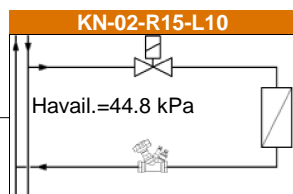
0.12 l/s; Hmin=15.3 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.59 kPa
 BV: STAD 20; Dp=35.3 kPa; Presetting=0.94 turns
 CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 7 m; Dp=2.24 kPa; Linear Dp=305 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.118 kPa



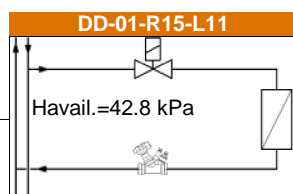
0.12 l/s; Hmin=15.2 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.48 kPa
 BV: STAD 20; Dp=33 kPa; Presetting=0.98 turns
 CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 1 m; Dp=0.293 kPa; Linear Dp=280 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.112 kPa



0.12 l/s; Hmin=15.1 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.36 kPa
 BV: STAD 20; Dp=32.7 kPa; Presetting=0.99 turns
 CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 7 m; Dp=1.87 kPa; Linear Dp=255 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.107 kPa

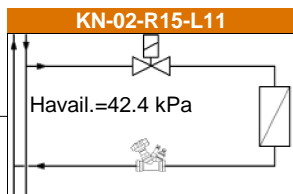


0.12 l/s; Hmin=15 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.25 kPa
 BV: STAD 20; Dp=30.8 kPa; Presetting=1.02 turns
 CV:Kvs=2.6; Dp=2.76 kPa

Date: 11/4/2012

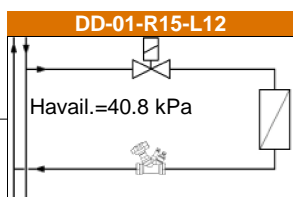
Project: MGM Vietnam

Pipe: 50 (2"); 1 m; Dp=0.243 kPa; Linear Dp=231 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.101 kPa



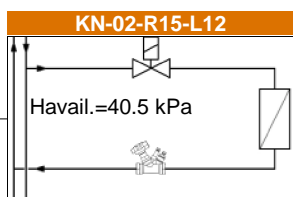
0.12 l/s; Hmin=14.8 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=1.13 kPa
BV: STAD 20; Dp=30.6 kPa; Presetting=1.03 turns
CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 7 m; Dp=1.54 kPa; Linear Dp=209 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.095 kPa



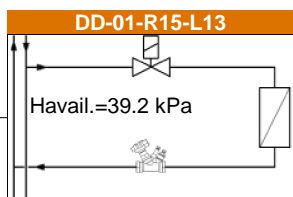
0.12 l/s; Hmin=14.7 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=1.02 kPa
BV: STAD 20; Dp=29.1 kPa; Presetting=1.06 turns
CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 1 m; Dp=0.197 kPa; Linear Dp=188 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.089 kPa



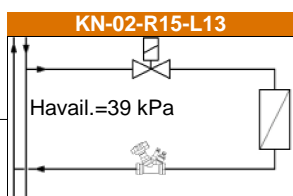
0.12 l/s; Hmin=14.6 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.918 kPa
BV: STAD 20; Dp=28.9 kPa; Presetting=1.06 turns
CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 7 m; Dp=1.23 kPa; Linear Dp=167 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.083 kPa



0.12 l/s; Hmin=14.5 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.818 kPa
BV: STAD 20; Dp=27.7 kPa; Presetting=1.09 turns
CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 1 m; Dp=0.156 kPa; Linear Dp=148 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.078 kPa

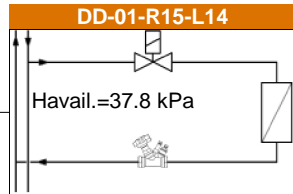


0.12 l/s; Hmin=14.4 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.72 kPa
BV: STAD 20; Dp=27.5 kPa; Presetting=1.09 turns
CV:Kvs=2.6; Dp=2.76 kPa

Date: 11/4/2012

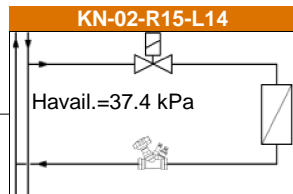
Project: MGM Vietnam

Pipe: 50 (2"); 8 m; Dp=1.09 kPa; Linear Dp=130 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.072 kPa



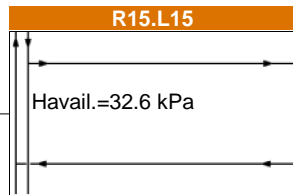
0.12 l/s; Hmin=14.4 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.638 kPa
BV: STAD 20; Dp=26.4 kPa; Presetting=1.11 turns
CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 40 (1 1/2"); 1 m; Dp=0.386 kPa; Linear Dp=368 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.171 kPa



0.12 l/s; Hmin=15 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=1.34 kPa
BV: STAD 20; Dp=25.4 kPa; Presetting=1.14 turns
CV: Kvs=2.6; Dp=2.76 kPa

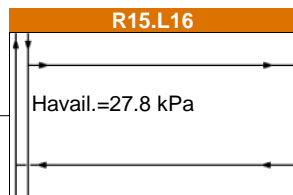
Pipe: 40 (1 1/2"); 14 m; Dp=4.64 kPa; Linear Dp=316 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.544 kPa



COPTY TO L16,17
0.47 l/s; Hmin=32.6 kPa

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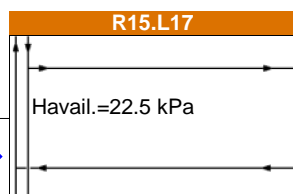
Pipe: 32 (1 1/4"); 14 m; Dp=4.66 kPa; Linear Dp=317 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.484 kPa



COPTY TO L16,17
0.47 l/s; Hmin=27.8 kPa

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Pipe: 25 (1"); 14 m; Dp=5.13 kPa; Linear Dp=349 Pa/m (** Generic Steel Pipes **)



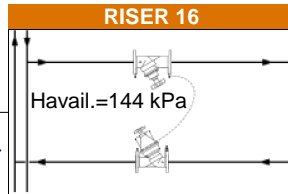
COPTY TO L16,17
0.47 l/s; Hmin=22.5 kPa

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Date: 11/4/2012

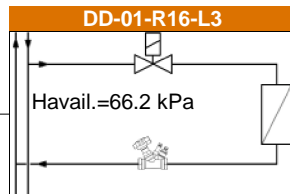
Project: MGM Vietnam

Pipe: 150 (6"); 1 m; Dp=0.069 kPa; Linear Dp=65.6 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.48 kPa



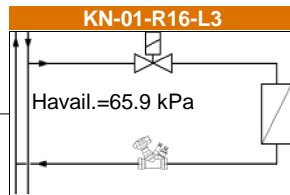
5.28 l/s; Hmin=101 kPa
 MV: STAF 65-2; Dp=4.99 kPa; Presetting=8.00* turns
 DpC: STAP 65; DpL=68.5 kPa

Pipe: 80 (3"); 16 m; Dp=2.34 kPa; Linear Dp=139 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.046 kPa



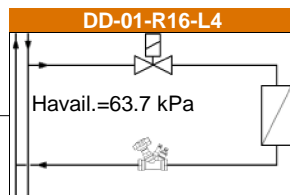
0.12 l/s; Hmin=14.9 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.15 kPa
 BV: STAD 20; Dp=54.3 kPa; Presetting=0.61 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 65 (2 1/2"); 1 m; Dp=0.313 kPa; Linear Dp=298 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.085 kPa



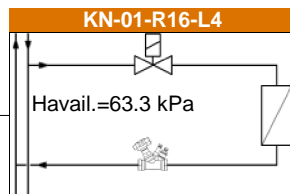
0.12 l/s; Hmin=15.6 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.88 kPa
 BV: STAD 20; Dp=53.3 kPa; Presetting=0.62 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 65 (2 1/2"); 7 m; Dp=2.1 kPa; Linear Dp=285 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.083 kPa



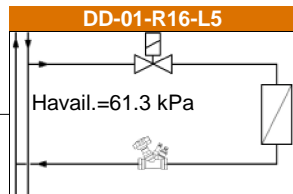
0.12 l/s; Hmin=15.5 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.82 kPa
 BV: STAD 20; Dp=51.2 kPa; Presetting=0.65 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 65 (2 1/2"); 1 m; Dp=0.286 kPa; Linear Dp=272 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.081 kPa



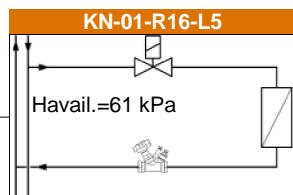
0.12 l/s; Hmin=15.5 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.76 kPa
 BV: STAD 20; Dp=50.8 kPa; Presetting=0.65 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 65 (2 1/2"); 7 m; Dp=1.91 kPa; Linear Dp=260 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.079 kPa



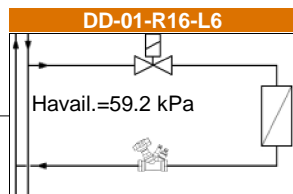
0.12 l/s; Hmin=15.4 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.69 kPa
 BV: STAD 20; Dp=48.9 kPa; Presetting=0.68 turns
 CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 65 (2 1/2"); 1 m; Dp=0.26 kPa; Linear Dp=248 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.077 kPa



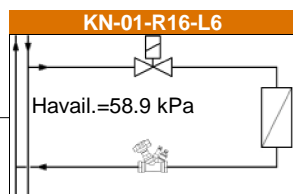
0.12 l/s; Hmin=15.3 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.63 kPa
 BV: STAD 20; Dp=48.6 kPa; Presetting=0.68 turns
 CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 65 (2 1/2"); 7 m; Dp=1.74 kPa; Linear Dp=236 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.075 kPa



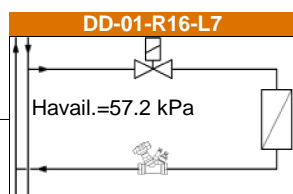
0.12 l/s; Hmin=15.3 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.57 kPa
 BV: STAD 20; Dp=46.9 kPa; Presetting=0.71 turns
 CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 65 (2 1/2"); 1 m; Dp=0.236 kPa; Linear Dp=225 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.073 kPa



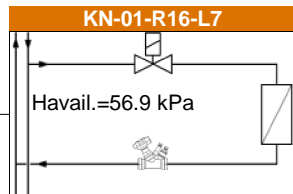
0.12 l/s; Hmin=15.2 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.5 kPa
 BV: STAD 20; Dp=46.6 kPa; Presetting=0.72 turns
 CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 65 (2 1/2"); 7 m; Dp=1.57 kPa; Linear Dp=213 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.07 kPa



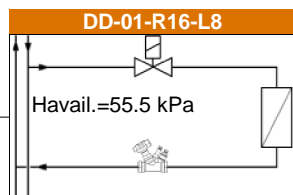
0.12 l/s; Hmin=15.1 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.43 kPa
 BV: STAD 20; Dp=45.1 kPa; Presetting=0.75 turns
 CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 65 (2 1/2"); 1 m; Dp=0.213 kPa; Linear Dp=202 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.068 kPa



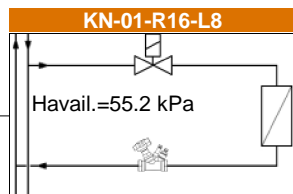
0.12 l/s; Hmin=15.1 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.37 kPa
 BV: STAD 20; Dp=44.9 kPa; Presetting=0.75 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 65 (2 1/2"); 7 m; Dp=1.41 kPa; Linear Dp=192 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.066 kPa



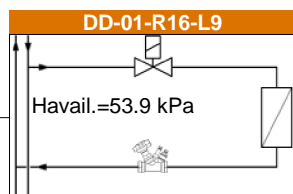
0.12 l/s; Hmin=15 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.3 kPa
 BV: STAD 20; Dp=43.4 kPa; Presetting=0.78 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 65 (2 1/2"); 1 m; Dp=0.19 kPa; Linear Dp=181 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.064 kPa



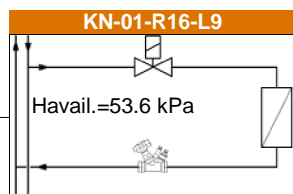
0.12 l/s; Hmin=14.9 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.23 kPa
 BV: STAD 20; Dp=43.3 kPa; Presetting=0.78 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 65 (2 1/2"); 7 m; Dp=1.26 kPa; Linear Dp=171 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.062 kPa



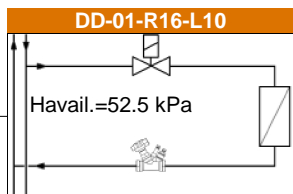
0.12 l/s; Hmin=14.9 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.16 kPa
 BV: STAD 20; Dp=42 kPa; Presetting=0.81 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 65 (2 1/2"); 1 m; Dp=0.169 kPa; Linear Dp=161 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.06 kPa



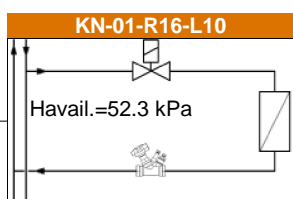
0.12 l/s; Hmin=14.8 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.09 kPa
 BV: STAD 20; Dp=41.8 kPa; Presetting=0.81 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 65 (2 1/2"); 7 m; Dp=1.12 kPa; Linear Dp=152 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.058 kPa



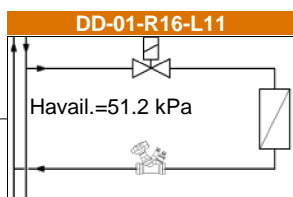
0.12 l/s; Hmin=14.7 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.03 kPa
 BV: STAD 20; Dp=40.7 kPa; Presetting=0.83 turns
 CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 65 (2 1/2"); 1 m; Dp=0.15 kPa; Linear Dp=142 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.056 kPa



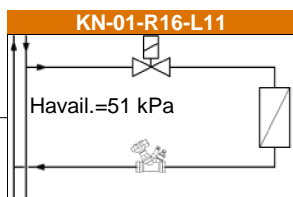
0.12 l/s; Hmin=14.7 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.965 kPa
 BV: STAD 20; Dp=40.6 kPa; Presetting=0.84 turns
 CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 65 (2 1/2"); 7 m; Dp=0.981 kPa; Linear Dp=133 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.054 kPa



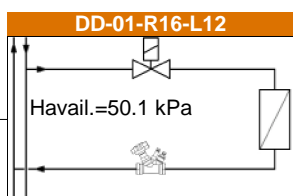
0.12 l/s; Hmin=14.6 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.904 kPa
 BV: STAD 20; Dp=39.6 kPa; Presetting=0.86 turns
 CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 65 (2 1/2"); 1 m; Dp=0.131 kPa; Linear Dp=125 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.052 kPa



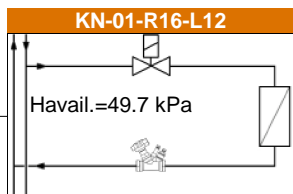
0.12 l/s; Hmin=14.6 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.845 kPa
 BV: STAD 20; Dp=39.5 kPa; Presetting=0.86 turns
 CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 65 (2 1/2"); 7 m; Dp=0.855 kPa; Linear Dp=116 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.05 kPa



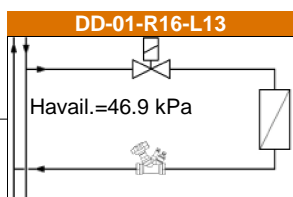
0.12 l/s; Hmin=14.5 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.787 kPa
 BV: STAD 20; Dp=38.6 kPa; Presetting=0.88 turns
 CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 1 m; Dp=0.416 kPa; Linear Dp=397 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.137 kPa



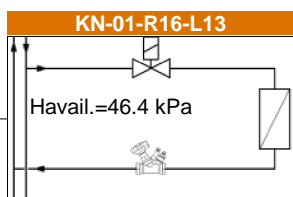
0.12 l/s; Hmin=15.5 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.83 kPa
 BV: STAD 20; Dp=37.2 kPa; Presetting=0.91 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 7 m; Dp=2.7 kPa; Linear Dp=367 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.131 kPa



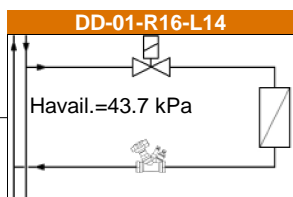
0.12 l/s; Hmin=15.4 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.72 kPa
 BV: STAD 20; Dp=34.4 kPa; Presetting=0.96 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 1 m; Dp=0.356 kPa; Linear Dp=339 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.125 kPa



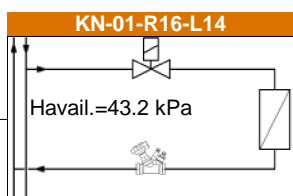
0.12 l/s; Hmin=15.3 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.61 kPa
 BV: STAD 20; Dp=34.1 kPa; Presetting=0.97 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 8 m; Dp=2.62 kPa; Linear Dp=312 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.119 kPa



0.12 l/s; Hmin=15.2 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.51 kPa
 BV: STAD 20; Dp=31.4 kPa; Presetting=1.01 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 1 m; Dp=0.3 kPa; Linear Dp=286 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.114 kPa

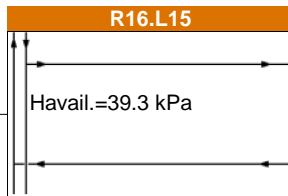


0.12 l/s; Hmin=15.1 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.39 kPa
 BV: STAD 20; Dp=31.1 kPa; Presetting=1.02 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Date: 11/4/2012

Project: MGM Vietnam

Pipe: 50 (2"); 14 m; Dp=3.84 kPa; Linear Dp=261 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.61 kPa

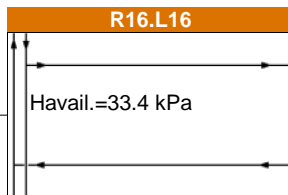


COPTY TO L16,17
 0.8 l/s; Hmin=39.3 kPa

Havail.=39.3 kPa

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Pipe: 40 (1 1/2"); 14 m; Dp=5.88 kPa; Linear Dp=400 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.763 kPa

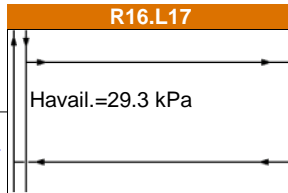


COPTY TO L16,17
 0.8 l/s; Hmin=33.4 kPa

Havail.=33.4 kPa

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Pipe: 32 (1 1/4"); 14 m; Dp=3.46 kPa; Linear Dp=235 Pa/m (** Generic Steel Pipes **)

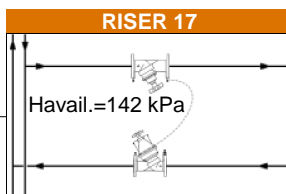


COPTY TO L16,17
 0.8 l/s; Hmin=29.3 kPa

Havail.=29.3 kPa

- Page : 179

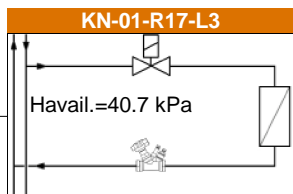
Pipe: 125 (5"); 18 m; Dp=1.67 kPa; Linear Dp=88.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.343 kPa



2.88 l/s; Hmin=53.3 kPa
 MV: STAF 65-2; Dp=3 kPa; Presetting=5.46 turns
 DpC: STAP 65; DpL=42 kPa

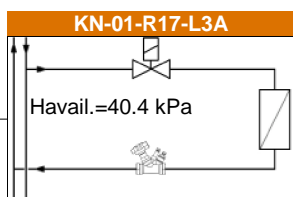
Havail.=142 kPa

Pipe: 65 (2 1/2"); 12 m; Dp=1.26 kPa; Linear Dp=100 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.046 kPa



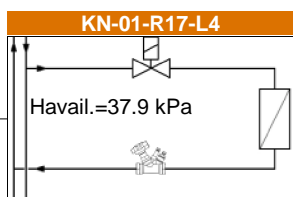
0.12 l/s; Hmin=14.4 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.676 kPa
 BV: STAD 20; Dp=29.3 kPa; Presetting=1.05 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 1 m; Dp=0.356 kPa; Linear Dp=339 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.125 kPa



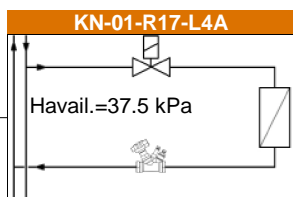
0.12 l/s; Hmin=15.3 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.61 kPa
 BV: STAD 20; Dp=28 kPa; Presetting=1.08 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 7 m; Dp=2.29 kPa; Linear Dp=312 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.119 kPa



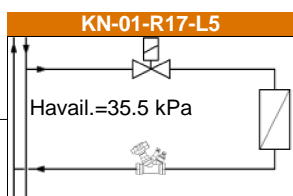
0.12 l/s; Hmin=15.2 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.51 kPa
 BV: STAD 20; Dp=25.7 kPa; Presetting=1.13 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 1 m; Dp=0.3 kPa; Linear Dp=286 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.114 kPa



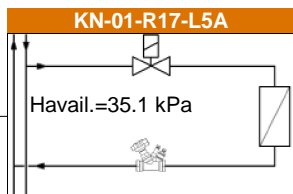
0.12 l/s; Hmin=15.1 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.39 kPa
 BV: STAD 20; Dp=25.4 kPa; Presetting=1.13 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 7 m; Dp=1.92 kPa; Linear Dp=261 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.108 kPa



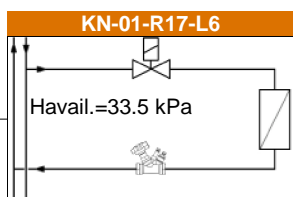
0.12 l/s; Hmin=15 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.28 kPa
 BV: STAD 20; Dp=23.5 kPa; Presetting=1.18 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 1 m; Dp=0.249 kPa; Linear Dp=237 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.102 kPa



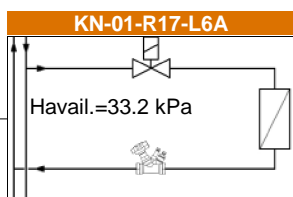
0.12 l/s; Hmin=14.9 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.16 kPa
 BV: STAD 20; Dp=23.3 kPa; Presetting=1.19 turns
 CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 7 m; Dp=1.58 kPa; Linear Dp=214 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.096 kPa



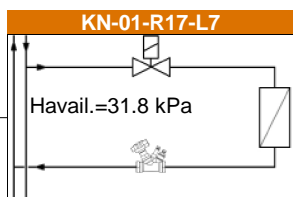
0.12 l/s; Hmin=14.8 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.05 kPa
 BV: STAD 20; Dp=21.7 kPa; Presetting=1.23 turns
 CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 1 m; Dp=0.202 kPa; Linear Dp=193 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.091 kPa



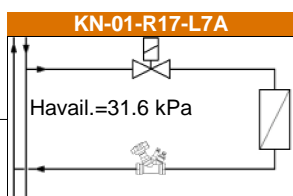
0.12 l/s; Hmin=14.7 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.944 kPa
 BV: STAD 20; Dp=21.5 kPa; Presetting=1.23 turns
 CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 7 m; Dp=1.27 kPa; Linear Dp=172 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.085 kPa



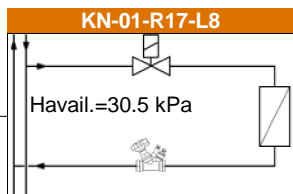
0.12 l/s; Hmin=14.6 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.843 kPa
 BV: STAD 20; Dp=20.2 kPa; Presetting=1.26 turns
 CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 1 m; Dp=0.16 kPa; Linear Dp=153 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.079 kPa



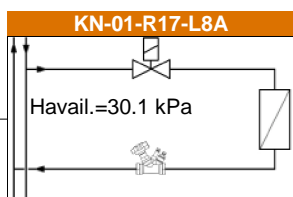
0.12 l/s; Hmin=14.5 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.744 kPa
 BV: STAD 20; Dp=20.1 kPa; Presetting=1.27 turns
 CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 7 m; Dp=0.989 kPa; Linear Dp=135 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.073 kPa



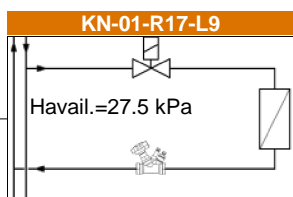
0.12 l/s; Hmin=14.4 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.657 kPa
 BV: STAD 20; Dp=19.1 kPa; Presetting=1.30 turns
 CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 40 (1 1/2"); 1 m; Dp=0.4 kPa; Linear Dp=381 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.175 kPa



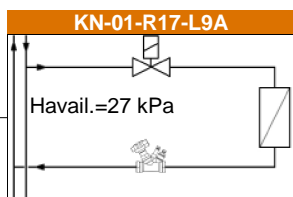
0.12 l/s; Hmin=15.1 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.38 kPa
 BV: STAD 20; Dp=18 kPa; Presetting=1.33 turns
 CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 40 (1 1/2"); 7 m; Dp=2.41 kPa; Linear Dp=328 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.16 kPa



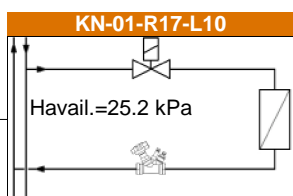
0.12 l/s; Hmin=14.9 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.19 kPa
 BV: STAD 20; Dp=15.6 kPa; Presetting=1.41 turns
 CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 40 (1 1/2"); 1 m; Dp=0.293 kPa; Linear Dp=279 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.145 kPa



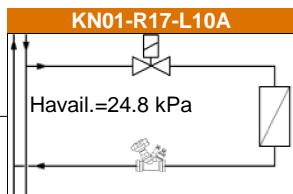
0.12 l/s; Hmin=14.7 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.02 kPa
 BV: STAD 20; Dp=15.3 kPa; Presetting=1.42 turns
 CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 40 (1 1/2"); 7 m; Dp=1.72 kPa; Linear Dp=234 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.13 kPa



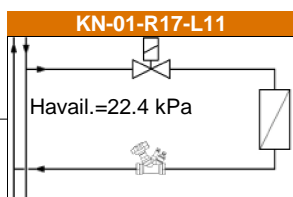
0.12 l/s; Hmin=14.6 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.851 kPa
 BV: STAD 20; Dp=13.6 kPa; Presetting=1.48 turns
 CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 40 (1 1/2"); 1 m; Dp=0.202 kPa; Linear Dp=193 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.114 kPa



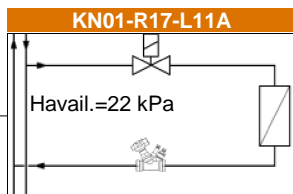
0.12 l/s; Hmin=14.4 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.695 kPa
 BV: STAD 20; Dp=13.4 kPa; Presetting=1.49 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 32 (1 1/4"); 7 m; Dp=2.42 kPa; Linear Dp=330 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.179 kPa



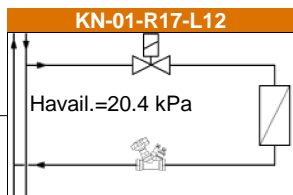
0.12 l/s; Hmin=14.7 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.989 kPa
 BV: STAD 20; Dp=10.7 kPa; Presetting=1.61 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 32 (1 1/4"); 1 m; Dp=0.27 kPa; Linear Dp=257 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.149 kPa



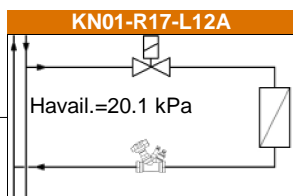
0.12 l/s; Hmin=14.5 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.77 kPa
 BV: STAD 20; Dp=10.5 kPa; Presetting=1.62 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 32 (1 1/4"); 7 m; Dp=1.42 kPa; Linear Dp=194 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.121 kPa



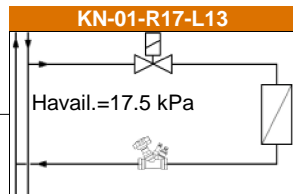
0.12 l/s; Hmin=14.3 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.594 kPa
 BV: STAD 20; Dp=9.1 kPa; Presetting=1.69 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 32 (1 1/4"); 1 m; Dp=0.146 kPa; Linear Dp=139 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.101 kPa



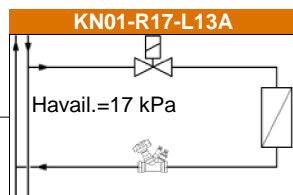
0.12 l/s; Hmin=14.2 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.489 kPa
 BV: STAD 20; Dp=8.93 kPa; Presetting=1.70 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 25 (1"); 7 m; Dp=2.67 kPa; Linear Dp=363 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.272 kPa



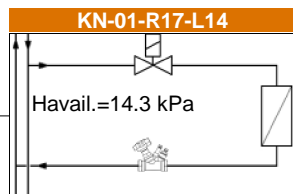
0.12 l/s; Hmin=14.5 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.763 kPa
 BV: STAD 20; Dp=5.99 kPa; Presetting=1.91 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 25 (1"); 1 m; Dp=0.225 kPa; Linear Dp=214 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.198 kPa



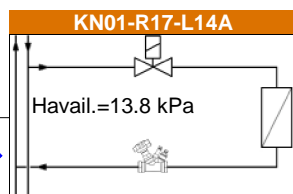
0.12 l/s; Hmin=14.2 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.504 kPa
 BV: STAD 20; Dp=5.76 kPa; Presetting=1.94 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 20 (3/4"); 8 m; Dp=2.67 kPa; Linear Dp=318 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.241 kPa



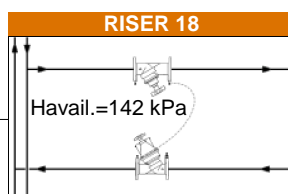
0.12 l/s; Hmin=14.2 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.535 kPa
 BV: STAD 20; Dp=3.05 kPa; Presetting=2.33 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 15 (1/2"); 1 m; Dp=0.415 kPa; Linear Dp=396 Pa/m (** Generic Steel Pipes **)



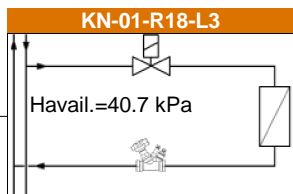
0.12 l/s; Hmin=13.8 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Elbow 90°; Dp=0.107 kPa
 BV: STAD 20; Dp=3 kPa; Presetting=2.34 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 125 (5"); 1 m; Dp=0.062 kPa; Linear Dp=58.6 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.303 kPa



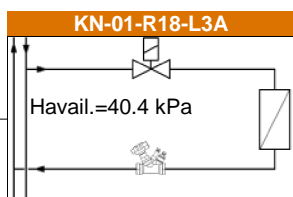
2.88 l/s; Hmin=53.7 kPa
 MV: STAF 65-2; Dp=3 kPa; Presetting=5.46 turns
 DpC: STAP 65; DpL=42.4 kPa

Pipe: 65 (2 1/2"); 16 m; Dp=1.68 kPa; Linear Dp=100 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.046 kPa



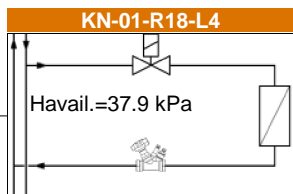
0.12 l/s; Hmin=14.4 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.676 kPa
 BV: STAD 20; Dp=29.3 kPa; Presetting=1.05 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 1 m; Dp=0.356 kPa; Linear Dp=339 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.125 kPa



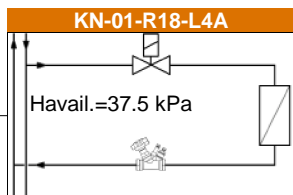
0.12 l/s; Hmin=15.3 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.61 kPa
 BV: STAD 20; Dp=28 kPa; Presetting=1.08 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 7 m; Dp=2.29 kPa; Linear Dp=312 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.119 kPa



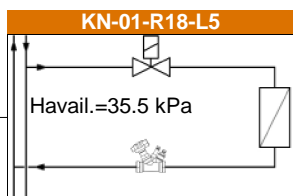
0.12 l/s; Hmin=15.2 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.51 kPa
 BV: STAD 20; Dp=25.7 kPa; Presetting=1.13 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 1 m; Dp=0.3 kPa; Linear Dp=286 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.114 kPa



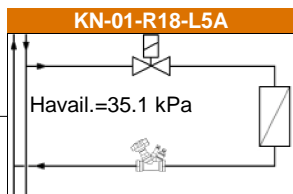
0.12 l/s; Hmin=15.1 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.39 kPa
 BV: STAD 20; Dp=25.4 kPa; Presetting=1.13 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 7 m; Dp=1.92 kPa; Linear Dp=261 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.108 kPa



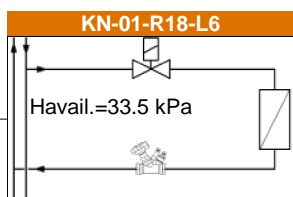
0.12 l/s; Hmin=15 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.28 kPa
 BV: STAD 20; Dp=23.5 kPa; Presetting=1.18 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 1 m; Dp=0.249 kPa; Linear Dp=237 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.102 kPa



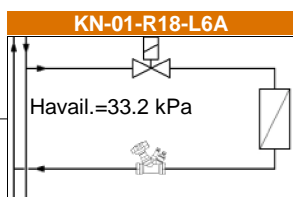
0.12 l/s; Hmin=14.9 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.16 kPa
 BV: STAD 20; Dp=23.3 kPa; Presetting=1.19 turns
 CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 7 m; Dp=1.58 kPa; Linear Dp=214 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.096 kPa



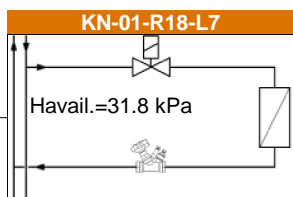
0.12 l/s; Hmin=14.8 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.05 kPa
 BV: STAD 20; Dp=21.7 kPa; Presetting=1.23 turns
 CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 1 m; Dp=0.202 kPa; Linear Dp=193 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.091 kPa



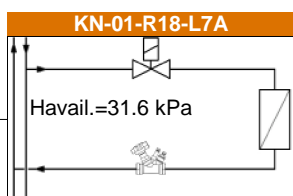
0.12 l/s; Hmin=14.7 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.944 kPa
 BV: STAD 20; Dp=21.5 kPa; Presetting=1.23 turns
 CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 7 m; Dp=1.27 kPa; Linear Dp=172 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.085 kPa



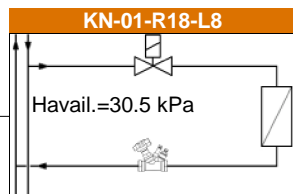
0.12 l/s; Hmin=14.6 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.843 kPa
 BV: STAD 20; Dp=20.2 kPa; Presetting=1.26 turns
 CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 1 m; Dp=0.16 kPa; Linear Dp=153 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.079 kPa



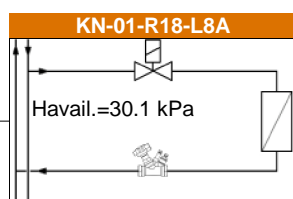
0.12 l/s; Hmin=14.5 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.744 kPa
 BV: STAD 20; Dp=20.1 kPa; Presetting=1.27 turns
 CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 7 m; Dp=0.989 kPa; Linear Dp=135 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.073 kPa



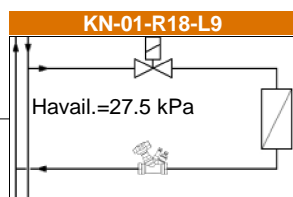
0.12 l/s; Hmin=14.4 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.657 kPa
 BV: STAD 20; Dp=19.1 kPa; Presetting=1.30 turns
 CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 40 (1 1/2"); 1 m; Dp=0.4 kPa; Linear Dp=381 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.175 kPa



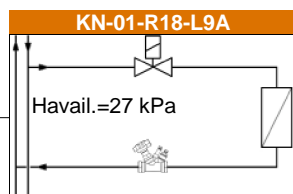
0.12 l/s; Hmin=15.1 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.38 kPa
 BV: STAD 20; Dp=18 kPa; Presetting=1.33 turns
 CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 40 (1 1/2"); 7 m; Dp=2.41 kPa; Linear Dp=328 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.16 kPa



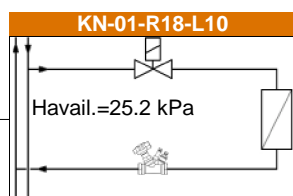
0.12 l/s; Hmin=14.9 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.19 kPa
 BV: STAD 20; Dp=15.6 kPa; Presetting=1.41 turns
 CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 40 (1 1/2"); 1 m; Dp=0.293 kPa; Linear Dp=279 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.145 kPa



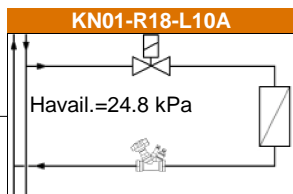
0.12 l/s; Hmin=14.7 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.02 kPa
 BV: STAD 20; Dp=15.3 kPa; Presetting=1.42 turns
 CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 40 (1 1/2"); 7 m; Dp=1.72 kPa; Linear Dp=234 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.13 kPa



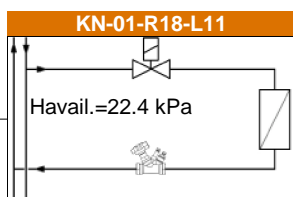
0.12 l/s; Hmin=14.6 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.851 kPa
 BV: STAD 20; Dp=13.6 kPa; Presetting=1.48 turns
 CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 40 (1 1/2"); 1 m; Dp=0.202 kPa; Linear Dp=193 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.114 kPa



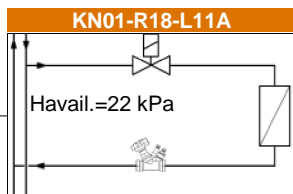
0.12 l/s; Hmin=14.4 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.695 kPa
 BV: STAD 20; Dp=13.4 kPa; Presetting=1.49 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 32 (1 1/4"); 7 m; Dp=2.42 kPa; Linear Dp=330 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.179 kPa



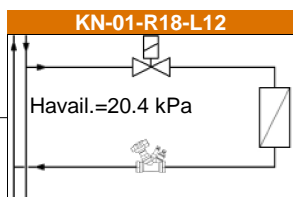
0.12 l/s; Hmin=14.7 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.989 kPa
 BV: STAD 20; Dp=10.7 kPa; Presetting=1.61 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 32 (1 1/4"); 1 m; Dp=0.27 kPa; Linear Dp=257 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.149 kPa



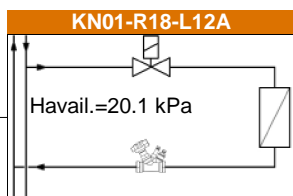
0.12 l/s; Hmin=14.5 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.77 kPa
 BV: STAD 20; Dp=10.5 kPa; Presetting=1.62 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 32 (1 1/4"); 7 m; Dp=1.42 kPa; Linear Dp=194 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.121 kPa



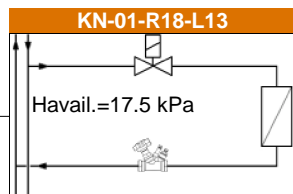
0.12 l/s; Hmin=14.3 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.594 kPa
 BV: STAD 20; Dp=9.1 kPa; Presetting=1.69 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 32 (1 1/4"); 1 m; Dp=0.146 kPa; Linear Dp=139 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.101 kPa



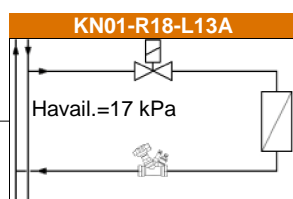
0.12 l/s; Hmin=14.2 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.489 kPa
 BV: STAD 20; Dp=8.93 kPa; Presetting=1.70 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 25 (1"); 7 m; Dp=2.67 kPa; Linear Dp=363 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.272 kPa



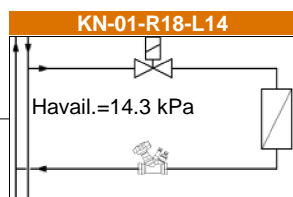
0.12 l/s; Hmin=14.5 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.763 kPa
 BV: STAD 20; Dp=5.99 kPa; Presetting=1.91 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 25 (1"); 1 m; Dp=0.225 kPa; Linear Dp=214 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.198 kPa



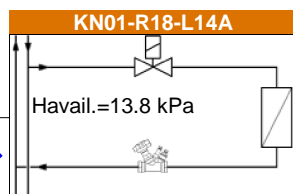
0.12 l/s; Hmin=14.2 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.504 kPa
 BV: STAD 20; Dp=5.76 kPa; Presetting=1.94 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 20 (3/4"); 8 m; Dp=2.67 kPa; Linear Dp=318 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.241 kPa



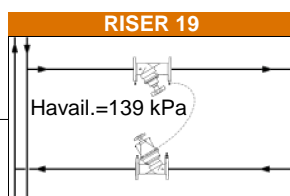
0.12 l/s; Hmin=14.2 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.535 kPa
 BV: STAD 20; Dp=3.05 kPa; Presetting=2.33 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 15 (1/2"); 1 m; Dp=0.415 kPa; Linear Dp=396 Pa/m (** Generic Steel Pipes **)



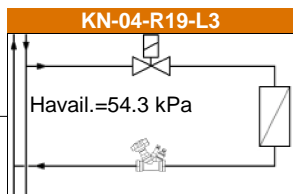
0.12 l/s; Hmin=13.8 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Elbow 90°; Dp=0.107 kPa
 BV: STAD 20; Dp=3 kPa; Presetting=2.34 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 100 (4"); 24 m; Dp=2.52 kPa; Linear Dp=100 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.591 kPa



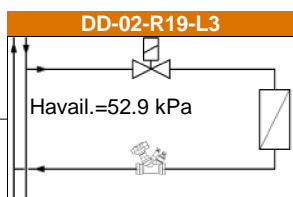
4.44 l/s; Hmin=67 kPa
 MV: STAF 80; Dp=3 kPa; Presetting=6.51 turns
 DpC: STAP 80; DpL=55.6 kPa

Pipe: 80 (3"); 12 m; Dp=1.27 kPa; Linear Dp=101 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.038 kPa



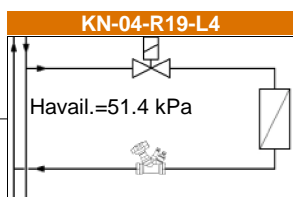
0.12 l/s; Hmin=14 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 4 m; Dp=0.383 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.835 kPa
 BV: STAD 20; Dp=43.3 kPa; Presetting=0.78 turns
 CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 65 (2 1/2"); 6 m; Dp=1.34 kPa; Linear Dp=213 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.07 kPa



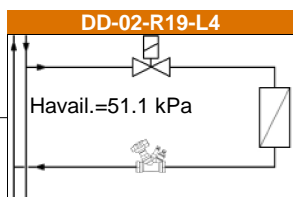
0.12 l/s; Hmin=15.4 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 13 m; Dp=1.25 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.43 kPa
 BV: STAD 20; Dp=40.5 kPa; Presetting=0.84 turns
 CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 65 (2 1/2"); 7 m; Dp=1.49 kPa; Linear Dp=202 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.068 kPa



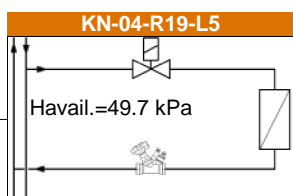
0.12 l/s; Hmin=15.1 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.37 kPa
 BV: STAD 20; Dp=39.3 kPa; Presetting=0.86 turns
 CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 65 (2 1/2"); 1 m; Dp=0.201 kPa; Linear Dp=192 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.066 kPa



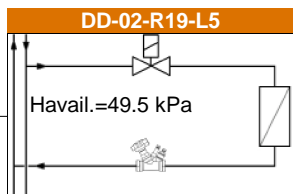
0.12 l/s; Hmin=15 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.3 kPa
 BV: STAD 20; Dp=39.1 kPa; Presetting=0.87 turns
 CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 65 (2 1/2"); 7 m; Dp=1.33 kPa; Linear Dp=181 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.064 kPa



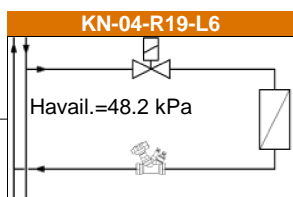
0.12 l/s; Hmin=14.9 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.23 kPa
 BV: STAD 20; Dp=37.8 kPa; Presetting=0.89 turns
 CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 65 (2 1/2"); 1 m; Dp=0.18 kPa; Linear Dp=171 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.062 kPa



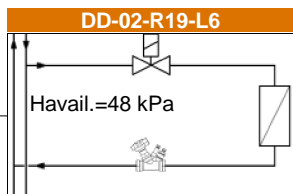
0.12 l/s; Hmin=14.9 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.16 kPa
 BV: STAD 20; Dp=37.6 kPa; Presetting=0.90 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 65 (2 1/2"); 7 m; Dp=1.19 kPa; Linear Dp=161 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.06 kPa



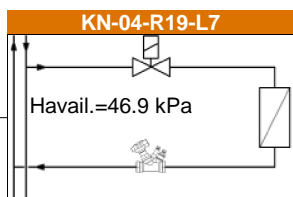
0.12 l/s; Hmin=14.8 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.09 kPa
 BV: STAD 20; Dp=36.4 kPa; Presetting=0.92 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 65 (2 1/2"); 1 m; Dp=0.159 kPa; Linear Dp=152 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.058 kPa



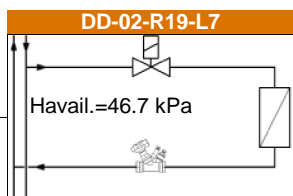
0.12 l/s; Hmin=14.7 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.03 kPa
 BV: STAD 20; Dp=36.3 kPa; Presetting=0.92 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 65 (2 1/2"); 7 m; Dp=1.05 kPa; Linear Dp=142 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.056 kPa



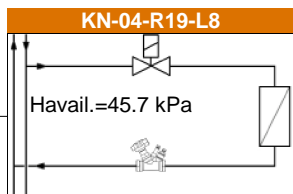
0.12 l/s; Hmin=14.7 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.965 kPa
 BV: STAD 20; Dp=35.2 kPa; Presetting=0.94 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 65 (2 1/2"); 1 m; Dp=0.14 kPa; Linear Dp=133 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.054 kPa



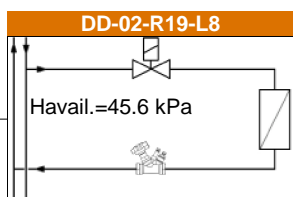
0.12 l/s; Hmin=14.6 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.904 kPa
 BV: STAD 20; Dp=35.1 kPa; Presetting=0.95 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 65 (2 1/2"); 7 m; Dp=0.917 kPa; Linear Dp=125 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.052 kPa



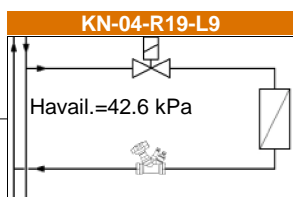
0.12 l/s; Hmin=14.6 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.845 kPa
 BV: STAD 20; Dp=34.2 kPa; Presetting=0.96 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 65 (2 1/2"); 1 m; Dp=0.122 kPa; Linear Dp=116 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.05 kPa



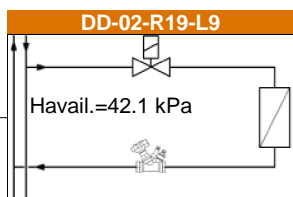
0.12 l/s; Hmin=14.5 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.787 kPa
 BV: STAD 20; Dp=34.1 kPa; Presetting=0.97 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 7 m; Dp=2.91 kPa; Linear Dp=397 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.137 kPa



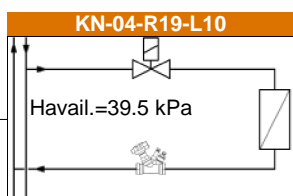
0.12 l/s; Hmin=15.5 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.83 kPa
 BV: STAD 20; Dp=30.1 kPa; Presetting=1.04 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 1 m; Dp=0.386 kPa; Linear Dp=367 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.131 kPa



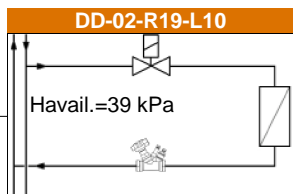
0.12 l/s; Hmin=15.4 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.72 kPa
 BV: STAD 20; Dp=29.7 kPa; Presetting=1.05 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 7 m; Dp=2.49 kPa; Linear Dp=339 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.125 kPa



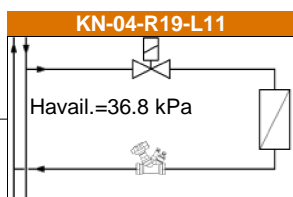
0.12 l/s; Hmin=15.3 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.61 kPa
 BV: STAD 20; Dp=27.2 kPa; Presetting=1.10 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 1 m; Dp=0.327 kPa; Linear Dp=312 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.119 kPa



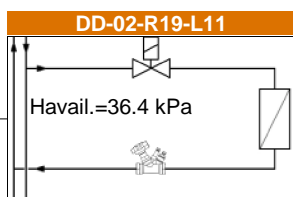
0.12 l/s; Hmin=15.2 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.51 kPa
 BV: STAD 20; Dp=26.8 kPa; Presetting=1.10 turns
 CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 7 m; Dp=2.1 kPa; Linear Dp=286 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.114 kPa



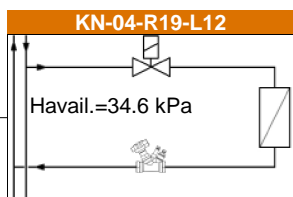
0.12 l/s; Hmin=15.1 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.39 kPa
 BV: STAD 20; Dp=24.7 kPa; Presetting=1.15 turns
 CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 1 m; Dp=0.274 kPa; Linear Dp=261 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.108 kPa



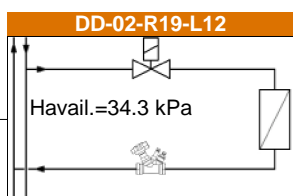
0.12 l/s; Hmin=15 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.28 kPa
 BV: STAD 20; Dp=24.5 kPa; Presetting=1.16 turns
 CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 7 m; Dp=1.74 kPa; Linear Dp=237 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.102 kPa



0.12 l/s; Hmin=14.9 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.16 kPa
 BV: STAD 20; Dp=22.7 kPa; Presetting=1.20 turns
 CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 1 m; Dp=0.225 kPa; Linear Dp=214 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.096 kPa

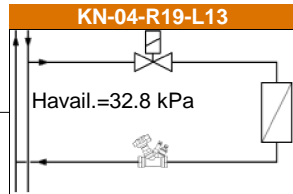


0.12 l/s; Hmin=14.8 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.05 kPa
 BV: STAD 20; Dp=22.5 kPa; Presetting=1.20 turns
 CV:Kvs=2.6; Dp=2.76 kPa

Date: 11/4/2012

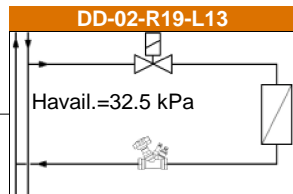
Project: MGM Vietnam

Pipe: 50 (2"); 7 m; Dp=1.42 kPa; Linear Dp=193 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.091 kPa



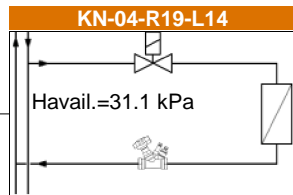
0.12 l/s; Hmin=14.7 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.944 kPa
BV: STAD 20; Dp=21.1 kPa; Presetting=1.24 turns
CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 1 m; Dp=0.181 kPa; Linear Dp=172 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.085 kPa



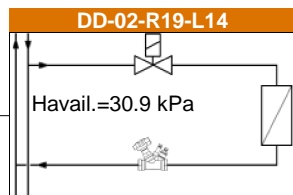
0.12 l/s; Hmin=14.6 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.843 kPa
BV: STAD 20; Dp=20.9 kPa; Presetting=1.25 turns
CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 8 m; Dp=1.28 kPa; Linear Dp=153 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.079 kPa



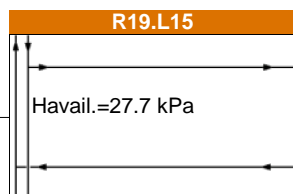
0.12 l/s; Hmin=14.5 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.744 kPa
BV: STAD 20; Dp=19.7 kPa; Presetting=1.28 turns
CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 1 m; Dp=0.141 kPa; Linear Dp=135 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.073 kPa



0.12 l/s; Hmin=14.4 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.657 kPa
BV: STAD 20; Dp=19.5 kPa; Presetting=1.28 turns
CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 40 (1 1/2"); 8 m; Dp=3.2 kPa; Linear Dp=381 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.666 kPa



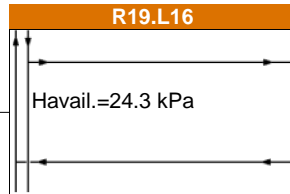
COPY TO L16,17
0.52 l/s; Hmin=27.7 kPa

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Date: 11/4/2012

Project: MGM Vietnam

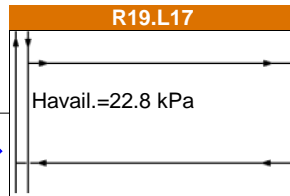
Pipe: 32 (1 1/4"); 8 m; Dp=3.21 kPa; Linear Dp=382 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.593 kPa



R19.L16
 COPY TO L16,17
 0.52 l/s; Hmin=24.3 kPa

- Page : 182

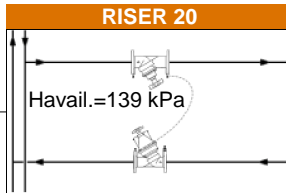
Pipe: 32 (1 1/4"); 8 m; Dp=0.898 kPa; Linear Dp=107 Pa/m (** Generic Steel Pipes **)



R19.L17
 COPY TO L16,17
 0.52 l/s; Hmin=22.8 kPa

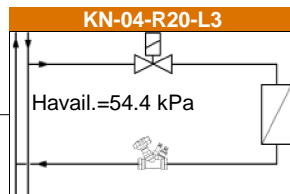
- Page : 183

Pipe: 100 (4"); 1 m; Dp=0.029 kPa; Linear Dp=27.8 Pa/m (** Generic Steel Pipes **)



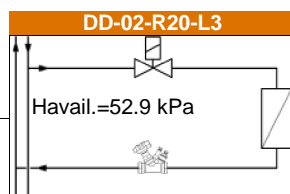
RISER 20
 4.44 l/s; Hmin=71.9 kPa
 MV: STAF 80; Dp=3 kPa; Presetting=6.51 turns
 DpC: STAP 80; DpL=60.5 kPa

Pipe: 65 (2 1/2"); 26 m; Dp=6.13 kPa; Linear Dp=225 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.073 kPa



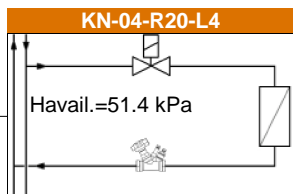
KN-04-R20-L3
 0.12 l/s; Hmin=14.6 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 4 m; Dp=0.383 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.5 kPa
 BV: STAD 20; Dp=42.7 kPa; Presetting=0.79 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 65 (2 1/2"); 6 m; Dp=1.34 kPa; Linear Dp=213 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.07 kPa



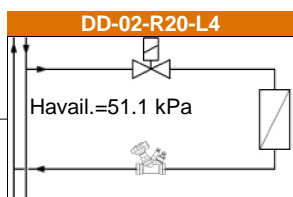
DD-02-R20-L3
 0.12 l/s; Hmin=14.9 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 7 m; Dp=0.671 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.43 kPa
 BV: STAD 20; Dp=41.1 kPa; Presetting=0.83 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 65 (2 1/2"); 7 m; Dp=1.49 kPa; Linear Dp=202 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.068 kPa



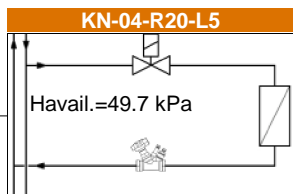
0.12 l/s; Hmin=15.1 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.37 kPa
 BV: STAD 20; Dp=39.3 kPa; Presetting=0.86 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 65 (2 1/2"); 1 m; Dp=0.201 kPa; Linear Dp=192 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.066 kPa



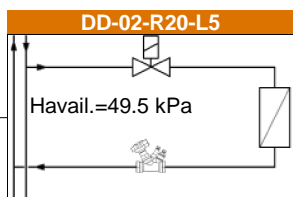
0.12 l/s; Hmin=15 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.3 kPa
 BV: STAD 20; Dp=39.1 kPa; Presetting=0.87 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 65 (2 1/2"); 7 m; Dp=1.33 kPa; Linear Dp=181 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.064 kPa



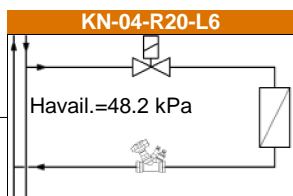
0.12 l/s; Hmin=14.9 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.23 kPa
 BV: STAD 20; Dp=37.8 kPa; Presetting=0.89 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 65 (2 1/2"); 1 m; Dp=0.18 kPa; Linear Dp=171 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.062 kPa



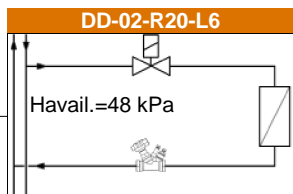
0.12 l/s; Hmin=14.9 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.16 kPa
 BV: STAD 20; Dp=37.6 kPa; Presetting=0.90 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 65 (2 1/2"); 7 m; Dp=1.19 kPa; Linear Dp=161 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.06 kPa



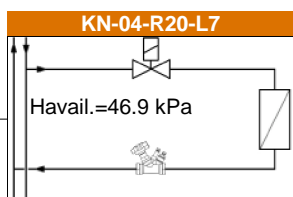
0.12 l/s; Hmin=14.8 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.09 kPa
 BV: STAD 20; Dp=36.4 kPa; Presetting=0.92 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 65 (2 1/2"); 1 m; Dp=0.159 kPa; Linear Dp=152 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.058 kPa



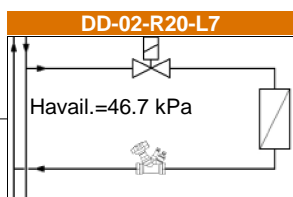
0.12 l/s; Hmin=14.7 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.03 kPa
 BV: STAD 20; Dp=36.3 kPa; Presetting=0.92 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 65 (2 1/2"); 7 m; Dp=1.05 kPa; Linear Dp=142 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.056 kPa



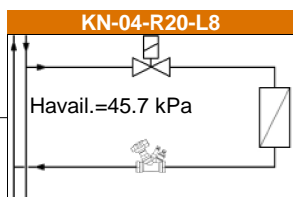
0.12 l/s; Hmin=14.7 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.965 kPa
 BV: STAD 20; Dp=35.2 kPa; Presetting=0.94 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 65 (2 1/2"); 1 m; Dp=0.14 kPa; Linear Dp=133 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.054 kPa



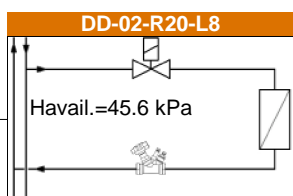
0.12 l/s; Hmin=14.6 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.904 kPa
 BV: STAD 20; Dp=35.1 kPa; Presetting=0.95 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 65 (2 1/2"); 7 m; Dp=0.917 kPa; Linear Dp=125 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.052 kPa



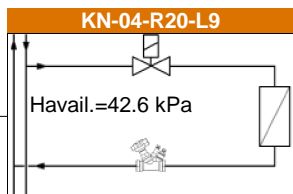
0.12 l/s; Hmin=14.6 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.845 kPa
 BV: STAD 20; Dp=34.2 kPa; Presetting=0.96 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 65 (2 1/2"); 1 m; Dp=0.122 kPa; Linear Dp=116 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.05 kPa



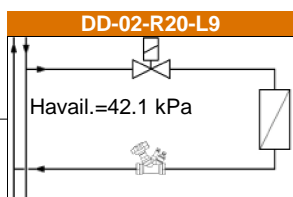
0.12 l/s; Hmin=14.5 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.787 kPa
 BV: STAD 20; Dp=34.1 kPa; Presetting=0.97 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 7 m; Dp=2.91 kPa; Linear Dp=397 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.137 kPa



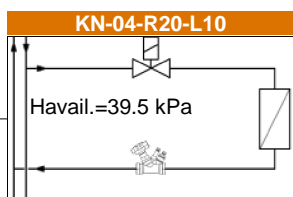
0.12 l/s; Hmin=15.5 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.83 kPa
 BV: STAD 20; Dp=30.1 kPa; Presetting=1.04 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 1 m; Dp=0.386 kPa; Linear Dp=367 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.131 kPa



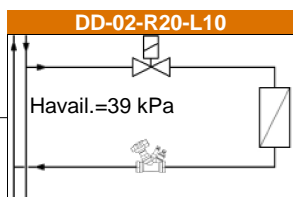
0.12 l/s; Hmin=15.4 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.72 kPa
 BV: STAD 20; Dp=29.7 kPa; Presetting=1.05 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 7 m; Dp=2.49 kPa; Linear Dp=339 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.125 kPa



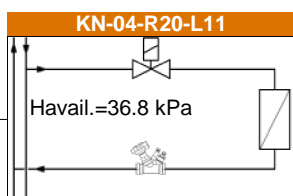
0.12 l/s; Hmin=15.3 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.61 kPa
 BV: STAD 20; Dp=27.2 kPa; Presetting=1.10 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 1 m; Dp=0.327 kPa; Linear Dp=312 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.119 kPa



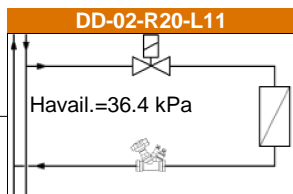
0.12 l/s; Hmin=15.2 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.51 kPa
 BV: STAD 20; Dp=26.8 kPa; Presetting=1.10 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 7 m; Dp=2.1 kPa; Linear Dp=286 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.114 kPa



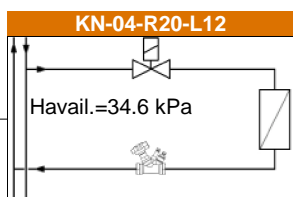
0.12 l/s; Hmin=15.1 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.39 kPa
 BV: STAD 20; Dp=24.7 kPa; Presetting=1.15 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 1 m; Dp=0.274 kPa; Linear Dp=261 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.108 kPa



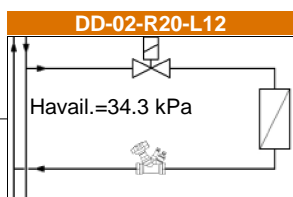
0.12 l/s; Hmin=15 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.28 kPa
 BV: STAD 20; Dp=24.5 kPa; Presetting=1.16 turns
 CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 7 m; Dp=1.74 kPa; Linear Dp=237 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.102 kPa



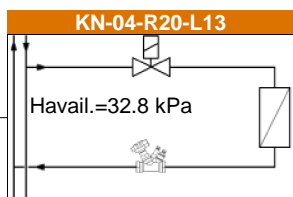
0.12 l/s; Hmin=14.9 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.16 kPa
 BV: STAD 20; Dp=22.7 kPa; Presetting=1.20 turns
 CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 1 m; Dp=0.225 kPa; Linear Dp=214 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.096 kPa



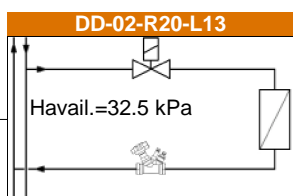
0.12 l/s; Hmin=14.8 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.05 kPa
 BV: STAD 20; Dp=22.5 kPa; Presetting=1.20 turns
 CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 7 m; Dp=1.42 kPa; Linear Dp=193 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.091 kPa



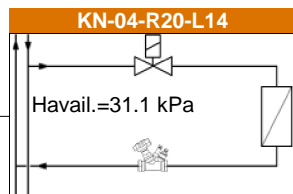
0.12 l/s; Hmin=14.7 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.944 kPa
 BV: STAD 20; Dp=21.1 kPa; Presetting=1.24 turns
 CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 1 m; Dp=0.181 kPa; Linear Dp=172 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.085 kPa



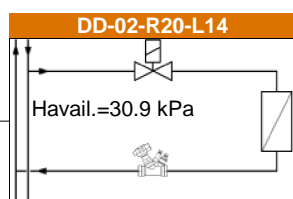
0.12 l/s; Hmin=14.6 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.843 kPa
 BV: STAD 20; Dp=20.9 kPa; Presetting=1.25 turns
 CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 8 m; Dp=1.28 kPa; Linear Dp=153 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.079 kPa



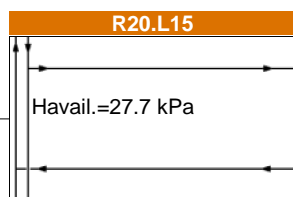
0.12 l/s; Hmin=14.5 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.744 kPa
 BV: STAD 20; Dp=19.7 kPa; Presetting=1.28 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 1 m; Dp=0.141 kPa; Linear Dp=135 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.073 kPa



0.12 l/s; Hmin=14.4 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 10 m; Dp=0.958 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.657 kPa
 BV: STAD 20; Dp=19.5 kPa; Presetting=1.28 turns
 CV: Kvs=2.6; Dp=2.76 kPa

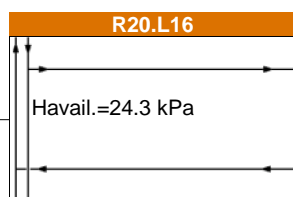
Pipe: 40 (1 1/2"); 8 m; Dp=3.2 kPa; Linear Dp=381 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.666 kPa



COPY TO L16,17
 0.52 l/s; Hmin=27.7 kPa

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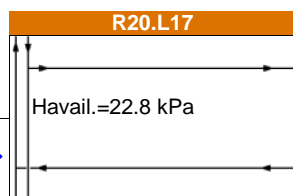
Pipe: 32 (1 1/4"); 8 m; Dp=3.21 kPa; Linear Dp=382 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.593 kPa



COPY TO L16,17
 0.52 l/s; Hmin=24.3 kPa

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Pipe: 32 (1 1/4"); 8 m; Dp=0.898 kPa; Linear Dp=107 Pa/m (** Generic Steel Pipes **)



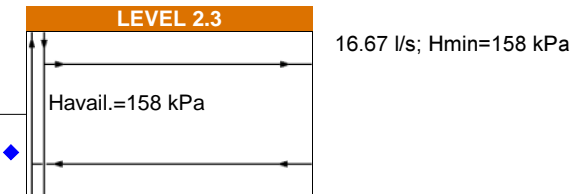
COPY TO L16,17
 0.52 l/s; Hmin=22.8 kPa

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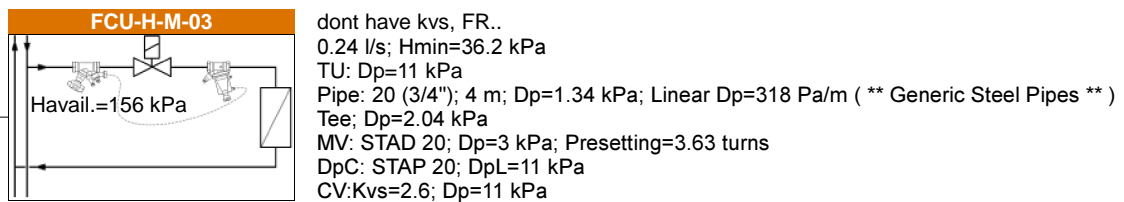
Date: 11/4/2012

Project: MGM Vietnam

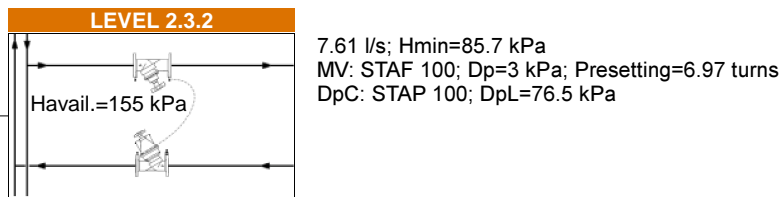
Pipe: 250 (10"); 6 m; Dp=0.023 kPa; Linear Dp=3.72 Pa/m (** Generic Steel Pipes **)



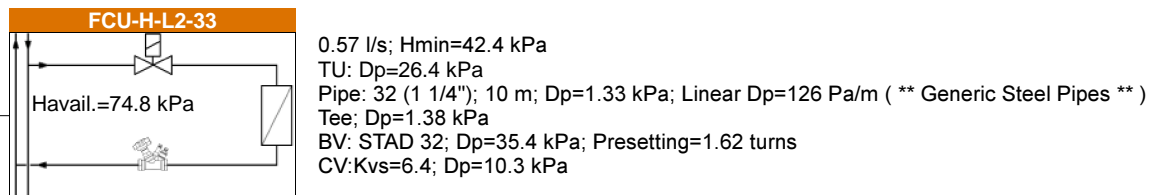
Pipe: 125 (5"); 12 m; Dp=1.42 kPa; Linear Dp=113 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.043 kPa



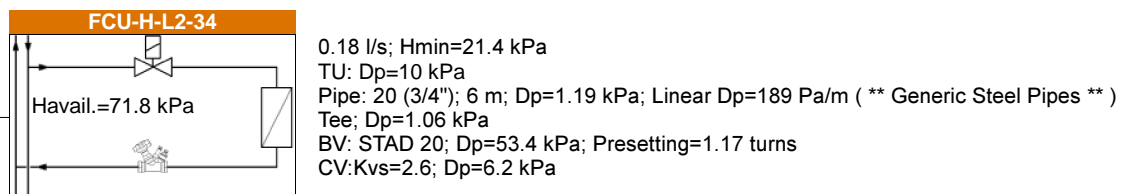
Pipe: 125 (5"); 12 m; Dp=1.38 kPa; Linear Dp=110 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.862 kPa



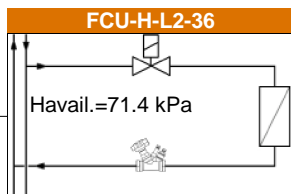
Pipe: 100 (4"); 22 m; Dp=1.73 kPa; Linear Dp=75.1 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.102 kPa



Pipe: 100 (4"); 42 m; Dp=2.87 kPa; Linear Dp=65 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.032 kPa

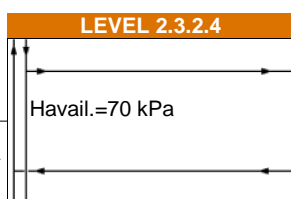


Pipe: 100 (4"); 5 m; Dp=0.325 kPa; Linear Dp=61.9 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.031 kPa



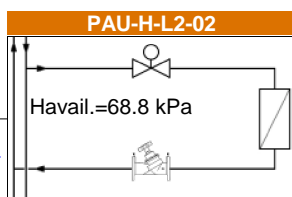
0.18 l/s; Hmin=21.2 kPa
 TU: Dp=10 kPa
 Pipe: 20 (3/4"); 5 m; Dp=0.991 kPa; Linear Dp=189 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.05 kPa
 BV: STAD 20; Dp=53.2 kPa; Presetting=1.17 turns
 CV: Kvs=2.6; Dp=6.2 kPa

Pipe: 100 (4"); 23 m; Dp=1.42 kPa; Linear Dp=59 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.139 kPa



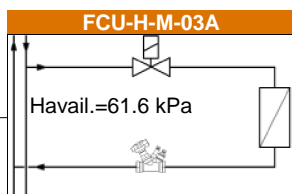
5.24 l/s; Hmin=70 kPa

Pipe: 80 (3"); 8 m; Dp=1.15 kPa; Linear Dp=137 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.016 kPa



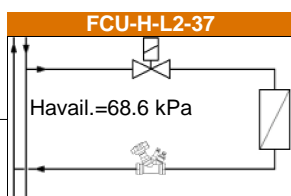
Dont have Kvs
 5 l/s; Hmin=68.8 kPa
 TU: Dp=40.9 kPa
 Pipe: 80 (3"); 10 m; Dp=1.32 kPa; Linear Dp=126 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=3.41 kPa
 BV: STAF 80; Dp=3 kPa; Presetting=7.04 turns
 CV: Kvs=40; Dp=20.2 kPa; Auth.=0.26

Pipe: 20 (3/4"); 20 m; Dp=6.68 kPa; Linear Dp=318 Pa/m (** Generic Steel Pipes **)



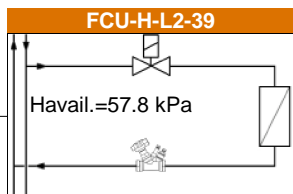
same name
 0.24 l/s; Hmin=26.5 kPa
 TU: Dp=11 kPa
 Pipe: 20 (3/4"); 3 m; Dp=1 kPa; Linear Dp=318 Pa/m (** Generic Steel Pipes **)
 Elbow 90°; Dp=0.428 kPa
 BV: STAD 20; Dp=38.1 kPa; Presetting=1.66 turns
 CV: Kvs=2.6; Dp=11 kPa

Pipe: 40 (1 1/2"); 4 m; Dp=1.38 kPa; Linear Dp=328 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.264 kPa



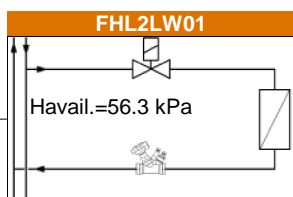
0.24 l/s; Hmin=28.6 kPa
 TU: Dp=11 kPa
 Pipe: 20 (3/4"); 5 m; Dp=1.67 kPa; Linear Dp=318 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.87 kPa
 BV: STAD 20; Dp=43 kPa; Presetting=1.60 turns
 CV: Kvs=2.6; Dp=11 kPa

Pipe: 40 (1 1/2"); 43 m; Dp=10.6 kPa; Linear Dp=234 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.22 kPa



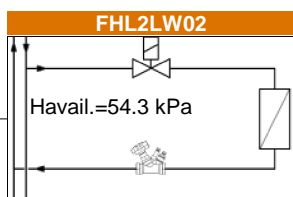
0.24 l/s; Hmin=29.1 kPa
 TU: Dp=11 kPa
 Pipe: 20 (3/4"); 7 m; Dp=2.34 kPa; Linear Dp=318 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.76 kPa
 BV: STAD 20; Dp=31.7 kPa; Presetting=1.76 turns
 CV:Kvs=2.6; Dp=11 kPa

Pipe: 40 (1 1/2"); 8 m; Dp=1.3 kPa; Linear Dp=155 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.195 kPa



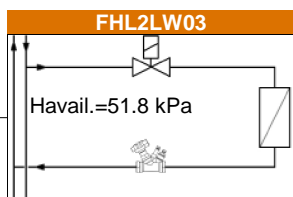
0.24 l/s; Hmin=28.9 kPa
 TU: Dp=11 kPa
 Pipe: 20 (3/4"); 7 m; Dp=2.34 kPa; Linear Dp=318 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.55 kPa
 BV: STAD 20; Dp=30.3 kPa; Presetting=1.78 turns
 CV:Kvs=2.6; Dp=11 kPa

Pipe: 40 (1 1/2"); 18 m; Dp=1.73 kPa; Linear Dp=91.6 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.142 kPa



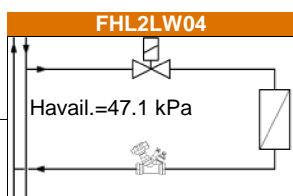
dont have infor.
 0.24 l/s; Hmin=27.6 kPa
 TU: Dp=11 kPa
 Pipe: 20 (3/4"); 4 m; Dp=1.34 kPa; Linear Dp=318 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.27 kPa
 BV: STAD 20; Dp=29.7 kPa; Presetting=1.79 turns
 CV:Kvs=2.6; Dp=11 kPa

Pipe: 32 (1 1/4"); 26 m; Dp=2.52 kPa; Linear Dp=92.4 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.126 kPa



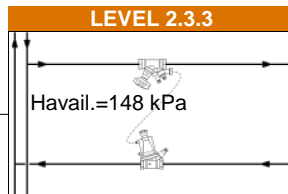
dont have kvs
 0.24 l/s; Hmin=27.5 kPa
 TU: Dp=11 kPa
 Pipe: 20 (3/4"); 4 m; Dp=1.34 kPa; Linear Dp=318 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.14 kPa
 BV: STAD 20; Dp=27.3 kPa; Presetting=1.84 turns
 CV:Kvs=2.6; Dp=11 kPa

Pipe: 20 (3/4"); 14 m; Dp=4.68 kPa; Linear Dp=318 Pa/m (** Generic Steel Pipes **)



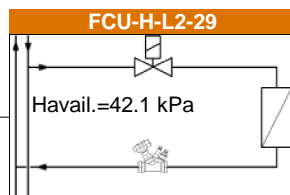
dont have kvs
 0.24 l/s; Hmin=26.8 kPa
 TU: Dp=11 kPa
 Pipe: 20 (3/4"); 4 m; Dp=1.34 kPa; Linear Dp=318 Pa/m (** Generic Steel Pipes **)
 Elbow 90°; Dp=0.428 kPa
 BV: STAD 20; Dp=23.3 kPa; Presetting=1.93 turns
 CV:Kvs=2.6; Dp=11 kPa

Pipe: 100 (4"); 58 m; Dp=6.02 kPa; Linear Dp=98.9 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.155 kPa



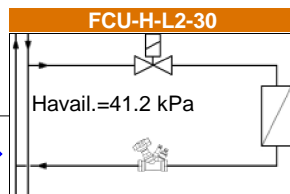
0.76 l/s; Hmin=57.3 kPa
 MV: STAD 32; Dp=3.71 kPa; Presetting=4.00* turns
 DpC: STAP 32; DpL=43.2 kPa

Pipe: 32 (1 1/4"); 5 m; Dp=1.12 kPa; Linear Dp=214 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.224 kPa



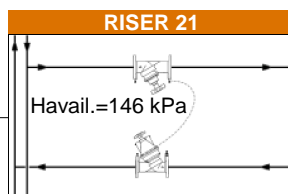
0.19 l/s; Hmin=21.9 kPa
 TU: Dp=10 kPa
 Pipe: 20 (3/4"); 4 m; Dp=0.874 kPa; Linear Dp=208 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.16 kPa
 BV: STAD 20; Dp=23.2 kPa; Presetting=1.68 turns
 CV: Kvs=2.6; Dp=6.91 kPa

Pipe: 32 (1 1/4"); 5 m; Dp=0.663 kPa; Linear Dp=126 Pa/m (** Generic Steel Pipes **)



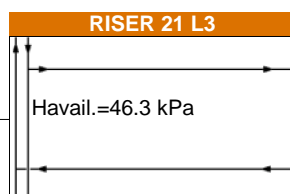
0.57 l/s; Hmin=41.2 kPa
 TU: Dp=26.4 kPa
 Pipe: 32 (1 1/4"); 9 m; Dp=1.19 kPa; Linear Dp=126 Pa/m (** Generic Steel Pipes **)
 Elbow 90°; Dp=0.317 kPa
 BV: STAD 32; Dp=3 kPa; Presetting=3.51 turns
 CV: Kvs=6.4; Dp=10.3 kPa

Pipe: 100 (4"); 23 m; Dp=2.02 kPa; Linear Dp=83.6 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.443 kPa



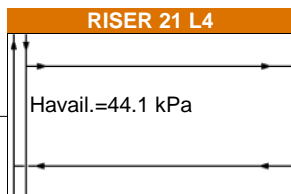
2.64 l/s; Hmin=60.2 kPa
 MV: STAF 65-2; Dp=3 kPa; Presetting=5.17 turns
 DpC: STAP 65; DpL=50.2 kPa

Pipe: 50 (2"); 12 m; Dp=3.93 kPa; Linear Dp=312 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.208 kPa



0.22 l/s; Hmin=46.3 kPa

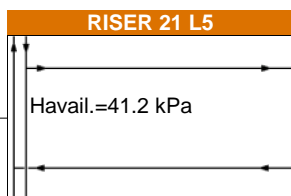
Pipe: 50 (2"); 7 m; Dp=1.95 kPa; Linear Dp=265 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.188 kPa



0.22 l/s; Hmin=44.1 kPa

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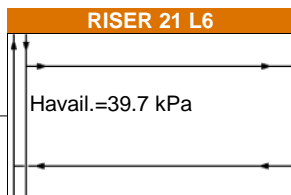
Pipe: 50 (2"); 12 m; Dp=2.79 kPa; Linear Dp=222 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.169 kPa



0.22 l/s; Hmin=41.2 kPa

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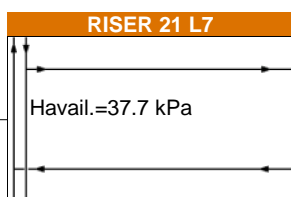
Pipe: 50 (2"); 7 m; Dp=1.34 kPa; Linear Dp=182 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.148 kPa



0.22 l/s; Hmin=39.7 kPa

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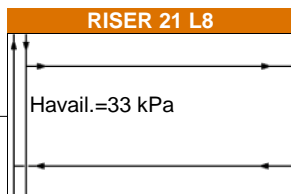
Pipe: 50 (2"); 12 m; Dp=1.85 kPa; Linear Dp=147 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.127 kPa



0.22 l/s; Hmin=37.7 kPa

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Pipe: 40 (1 1/2"); 12 m; Dp=4.69 kPa; Linear Dp=372 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.272 kPa

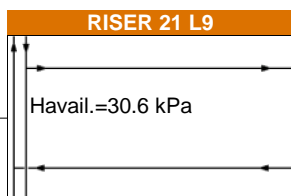


0.22 l/s; Hmin=33 kPa

Havail.=33 kPa

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Pipe: 40 (1 1/2"); 7 m; Dp=2.05 kPa; Linear Dp=279 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.222 kPa

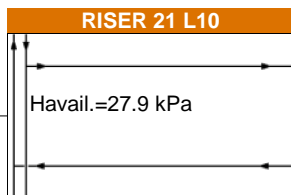


0.22 l/s; Hmin=30.6 kPa

Havail.=30.6 kPa

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Pipe: 40 (1 1/2"); 12 m; Dp=2.51 kPa; Linear Dp=199 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.185 kPa

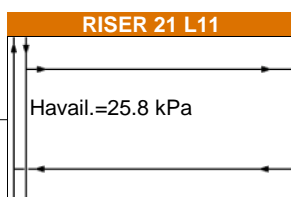


0.22 l/s; Hmin=27.9 kPa

Havail.=27.9 kPa

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Pipe: 32 (1 1/4"); 7 m; Dp=2.06 kPa; Linear Dp=280 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.301 kPa



0.22 l/s; Hmin=25.8 kPa

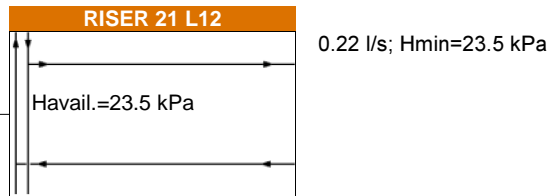
Havail.=25.8 kPa

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Date: 11/4/2012

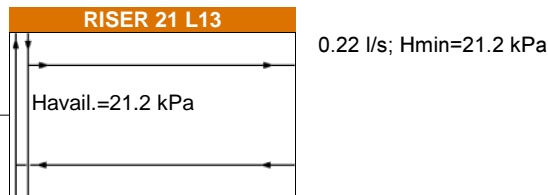
Project: MGM Vietnam

Pipe: 32 (1 1/4"); 12 m; Dp=2.08 kPa; Linear Dp=165 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.219 kPa



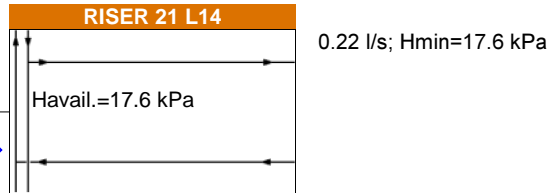
Page : 196

Pipe: 25 (1"); 7 m; Dp=2.27 kPa; Linear Dp=309 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.322 kPa



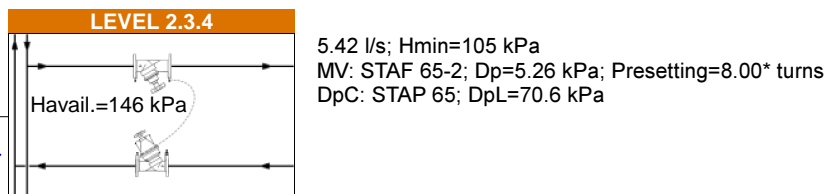
Page : 197

Pipe: 20 (3/4"); 12 m; Dp=3.42 kPa; Linear Dp=271 Pa/m (** Generic Steel Pipes **)

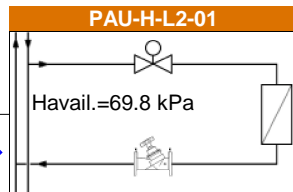


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Pipe: 65 (2 1/2"); 1 m; Dp=0.343 kPa; Linear Dp=327 Pa/m (** Generic Steel Pipes **)

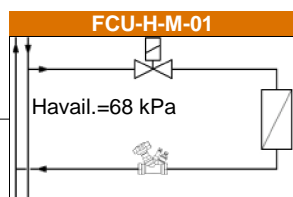


Pipe: 100 (4"); 19 m; Dp=0.799 kPa; Linear Dp=40 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.034 kPa



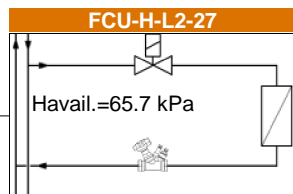
dont have Kvs
 4.78 l/s; Hmin=69.8 kPa
 TU: Dp=45.1 kPa
 Pipe: 80 (3"); 10 m; Dp=1.22 kPa; Linear Dp=116 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=2.07 kPa
 BV: STAF 80; Dp=3 kPa; Presetting=6.82 turns
 CV:Kvs=40; Dp=18.5 kPa; Auth.=0.26

Pipe: 32 (1 1/4"); 11 m; Dp=1.8 kPa; Linear Dp=156 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.159 kPa



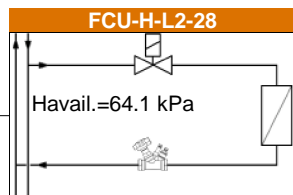
0.16 l/s; Hmin=20.1 kPa
 TU: Dp=9 kPa
 Pipe: 20 (3/4"); 15 m; Dp=2.4 kPa; Linear Dp=153 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.82 kPa
 BV: STAD 20; Dp=50.9 kPa; Presetting=1.06 turns
 CV:Kvs=2.6; Dp=4.9 kPa

Pipe: 25 (1"); 6 m; Dp=2.29 kPa; Linear Dp=363 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.352 kPa



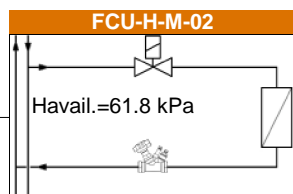
0.16 l/s; Hmin=18.1 kPa
 TU: Dp=9 kPa
 Pipe: 20 (3/4"); 2 m; Dp=0.321 kPa; Linear Dp=153 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.897 kPa
 BV: STAD 20; Dp=50.6 kPa; Presetting=1.07 turns
 CV:Kvs=2.6; Dp=4.9 kPa

Pipe: 25 (1"); 7 m; Dp=1.27 kPa; Linear Dp=173 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.121 kPa



0.08 l/s; Hmin=16.7 kPa
 TU: Dp=12 kPa
 Pipe: 20 (3/4"); 2 m; Dp=0.094 kPa; Linear Dp=44.6 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.339 kPa
 BV: STAD 15/14; Dp=50.5 kPa; Presetting=1.70 turns
 CV:Kvs=2.6; Dp=1.22 kPa

Pipe: 20 (3/4"); 7 m; Dp=2.34 kPa; Linear Dp=318 Pa/m (** Generic Steel Pipes **)

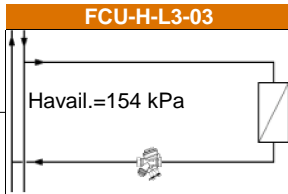


dont have information.
 0.24 l/s; Hmin=32.1 kPa
 TU: Dp=11 kPa
 Pipe: 20 (3/4"); 20 m; Dp=6.68 kPa; Linear Dp=318 Pa/m (** Generic Steel Pipes **)
 Elbow 90°; Dp=0.428 kPa
 BV: STAD 20; Dp=32.7 kPa; Presetting=1.74 turns
 CV:Kvs=2.6; Dp=11 kPa

Date: 11/4/2012

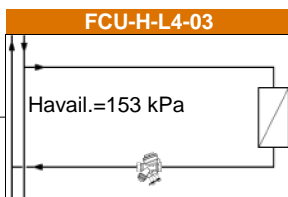
Project: MGM Vietnam

Pipe: 250 (10"); 10 m; Dp=0.773 kPa; Linear Dp=73.7 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.0092 kPa



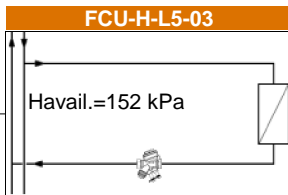
0.16 l/s; Hmin=28.8 kPa
 TU: Dp=9 kPa
 Pipe: 20 (3/4"); 10 m; Dp=1.6 kPa; Linear Dp=153 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=2.59 kPa
 CV: TBV-CMP 20 NF; Presetting=8.36; Dp=15.6 kPa

Pipe: 250 (10"); 10 m; Dp=0.771 kPa; Linear Dp=73.4 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.0091 kPa



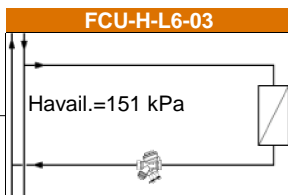
0.16 l/s; Hmin=28.8 kPa
 TU: Dp=9 kPa
 Pipe: 20 (3/4"); 10 m; Dp=1.6 kPa; Linear Dp=153 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=2.58 kPa
 CV: TBV-CMP 20 NF; Presetting=8.36; Dp=15.6 kPa

Pipe: 250 (10"); 10 m; Dp=0.768 kPa; Linear Dp=73.1 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.0091 kPa



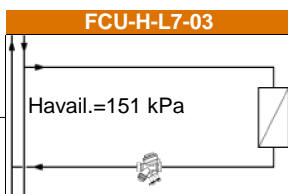
0.16 l/s; Hmin=28.8 kPa
 TU: Dp=9 kPa
 Pipe: 20 (3/4"); 10 m; Dp=1.6 kPa; Linear Dp=153 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=2.58 kPa
 CV: TBV-CMP 20 NF; Presetting=8.36; Dp=15.6 kPa

Pipe: 250 (10"); 10 m; Dp=0.765 kPa; Linear Dp=72.8 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.0091 kPa



0.16 l/s; Hmin=28.8 kPa
 TU: Dp=9 kPa
 Pipe: 20 (3/4"); 10 m; Dp=1.6 kPa; Linear Dp=153 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=2.57 kPa
 CV: TBV-CMP 20 NF; Presetting=8.36; Dp=15.6 kPa

Pipe: 250 (10"); 10 m; Dp=0.762 kPa; Linear Dp=72.6 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.0091 kPa

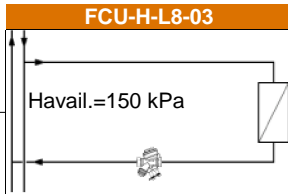


0.16 l/s; Hmin=28.8 kPa
 TU: Dp=9 kPa
 Pipe: 20 (3/4"); 10 m; Dp=1.6 kPa; Linear Dp=153 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=2.56 kPa
 CV: TBV-CMP 20 NF; Presetting=8.36; Dp=15.6 kPa

Date: 11/4/2012

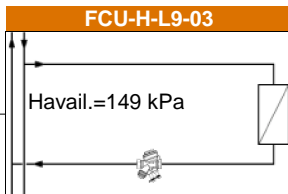
Project: MGM Vietnam

Pipe: 250 (10"); 10 m; Dp=0.759 kPa; Linear Dp=72.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.0091 kPa



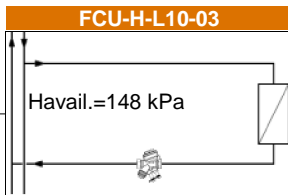
0.16 l/s; Hmin=28.8 kPa
 TU: Dp=9 kPa
 Pipe: 20 (3/4"); 10 m; Dp=1.6 kPa; Linear Dp=153 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=2.55 kPa
 CV: TBV-CMP 20 NF; Presetting=8.36; Dp=15.6 kPa

Pipe: 250 (10"); 10 m; Dp=0.756 kPa; Linear Dp=72 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.0091 kPa



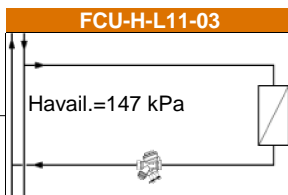
0.16 l/s; Hmin=28.8 kPa
 TU: Dp=9 kPa
 Pipe: 20 (3/4"); 10 m; Dp=1.6 kPa; Linear Dp=153 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=2.54 kPa
 CV: TBV-CMP 20 NF; Presetting=8.36; Dp=15.6 kPa

Pipe: 250 (10"); 10 m; Dp=0.754 kPa; Linear Dp=71.8 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.009 kPa



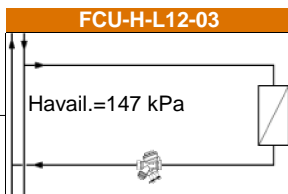
0.16 l/s; Hmin=28.8 kPa
 TU: Dp=9 kPa
 Pipe: 20 (3/4"); 10 m; Dp=1.6 kPa; Linear Dp=153 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=2.53 kPa
 CV: TBV-CMP 20 NF; Presetting=8.36; Dp=15.6 kPa

Pipe: 250 (10"); 10 m; Dp=0.751 kPa; Linear Dp=71.5 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.009 kPa



0.16 l/s; Hmin=28.8 kPa
 TU: Dp=9 kPa
 Pipe: 20 (3/4"); 10 m; Dp=1.6 kPa; Linear Dp=153 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=2.53 kPa
 CV: TBV-CMP 20 NF; Presetting=8.36; Dp=15.6 kPa

Pipe: 250 (10"); 10 m; Dp=0.748 kPa; Linear Dp=71.2 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.009 kPa

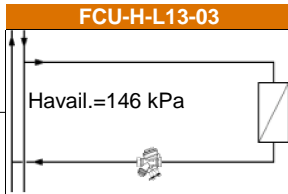


0.16 l/s; Hmin=28.8 kPa
 TU: Dp=9 kPa
 Pipe: 20 (3/4"); 10 m; Dp=1.6 kPa; Linear Dp=153 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=2.52 kPa
 CV: TBV-CMP 20 NF; Presetting=8.36; Dp=15.6 kPa

Date: 11/4/2012

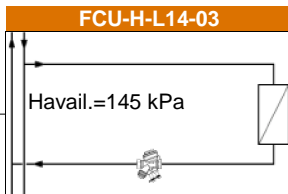
Project: MGM Vietnam

Pipe: 250 (10"); 10 m; Dp=0.745 kPa; Linear Dp=71 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.009 kPa



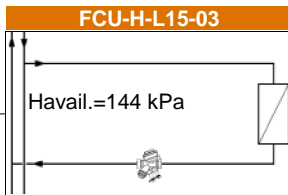
0.16 l/s; Hmin=28.7 kPa
 TU: Dp=9 kPa
 Pipe: 20 (3/4"); 10 m; Dp=1.6 kPa; Linear Dp=153 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=2.51 kPa
 CV: TBV-CMP 20 NF; Presetting=8.36; Dp=15.6 kPa

Pipe: 250 (10"); 10 m; Dp=0.743 kPa; Linear Dp=70.7 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.009 kPa



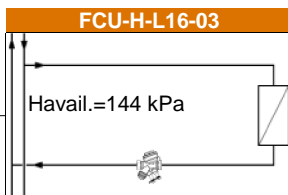
0.16 l/s; Hmin=28.7 kPa
 TU: Dp=9 kPa
 Pipe: 20 (3/4"); 10 m; Dp=1.6 kPa; Linear Dp=153 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=2.5 kPa
 CV: TBV-CMP 20 NF; Presetting=8.36; Dp=15.6 kPa

Pipe: 250 (10"); 10 m; Dp=0.74 kPa; Linear Dp=70.5 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.0089 kPa



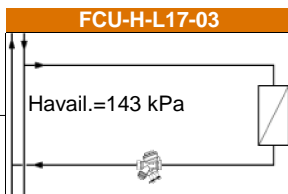
0.16 l/s; Hmin=28.7 kPa
 TU: Dp=9 kPa
 Pipe: 20 (3/4"); 10 m; Dp=1.6 kPa; Linear Dp=153 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=2.49 kPa
 CV: TBV-CMP 20 NF; Presetting=8.36; Dp=15.6 kPa

Pipe: 250 (10"); 10 m; Dp=0.737 kPa; Linear Dp=70.2 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.0089 kPa



0.16 l/s; Hmin=28.7 kPa
 TU: Dp=9 kPa
 Pipe: 20 (3/4"); 10 m; Dp=1.6 kPa; Linear Dp=153 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=2.48 kPa
 CV: TBV-CMP 20 NF; Presetting=8.36; Dp=15.6 kPa

Pipe: 250 (10"); 10 m; Dp=0.734 kPa; Linear Dp=69.9 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.0089 kPa

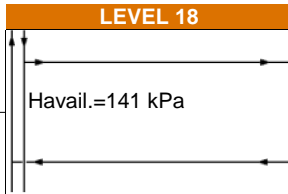


0.16 l/s; Hmin=28.7 kPa
 TU: Dp=9 kPa
 Pipe: 20 (3/4"); 10 m; Dp=1.6 kPa; Linear Dp=153 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=2.48 kPa
 CV: TBV-CMP 20 NF; Presetting=8.36; Dp=15.6 kPa

Date: 11/4/2012

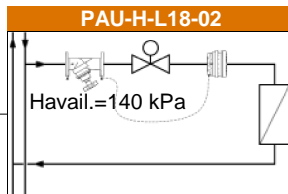
Project: MGM Vietnam

Pipe: 200 (8"); 9 m; Dp=2.07 kPa; Linear Dp=219 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.114 kPa



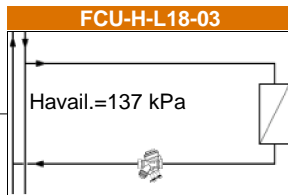
76.39 l/s; Hmin=141 kPa

Pipe: 200 (8"); 4 m; Dp=0.829 kPa; Linear Dp=197 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=2.9 kPa



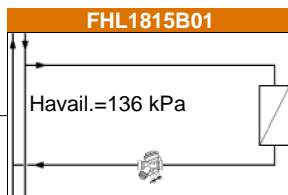
37.21 l/s; Hmin=134 kPa
 TU: Dp=49.4 kPa
 Pipe: 150 (6"); 36 m; Dp=8.09 kPa; Linear Dp=214 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=14.6 kPa
 MV: STAF 150; Dp=10.2 kPa; Presetting=8.00* turns
 DpC: DA 516 DN150; DpL=28.7 kPa
 CV: Kvs=250; Dp=28.7 kPa; Auth.=0.63

Pipe: 150 (6"); 11 m; Dp=2.73 kPa; Linear Dp=236 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.034 kPa



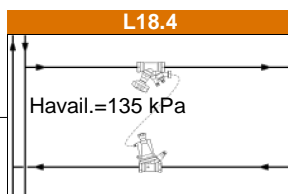
0.16 l/s; Hmin=30 kPa
 TU: Dp=9 kPa
 Pipe: 20 (3/4"); 9 m; Dp=1.44 kPa; Linear Dp=153 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=3.9 kPa
 CV: TBV-CMP 20 NF; Presetting=8.36; Dp=15.6 kPa

Pipe: 150 (6"); 3 m; Dp=0.738 kPa; Linear Dp=234 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.051 kPa



0.24 l/s; Hmin=27.5 kPa
 TU: Dp=8.63 kPa
 Pipe: 25 (1"); 9 m; Dp=0.97 kPa; Linear Dp=103 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=3.73 kPa
 CV: TBV-CMP 25 NF; Presetting=5.86; Dp=14.1 kPa

Pipe: 150 (6"); 5 m; Dp=1.22 kPa; Linear Dp=232 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.133 kPa

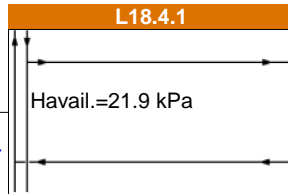


0.64 l/s; Hmin=33.5 kPa
 MV: STAD 32; Dp=3 kPa; Presetting=3.82 turns
 DpC: STAP 32; DpL=23.2 kPa

Date: 11/4/2012

Project: MGM Vietnam

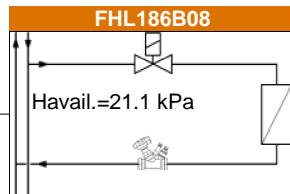
Pipe: 32 (1 1/4"); 8 m; Dp=1.31 kPa; Linear Dp=156 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.187 kPa



0.4 l/s; Hmin=21.9 kPa

Havail.=21.9 kPa

Pipe: 25 (1"); 3 m; Dp=0.817 kPa; Linear Dp=259 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.255 kPa



0.16 l/s; Hmin=17.4 kPa

TU: Dp=8 kPa

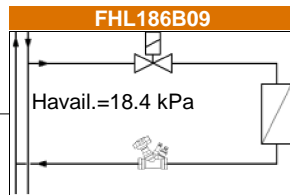
Pipe: 20 (3/4"); 4 m; Dp=0.641 kPa; Linear Dp=153 Pa/m (** Generic Steel Pipes **)

Tee; Dp=0.831 kPa

BV: STAD 20; Dp=6.71 kPa; Presetting=2.19 turns

CV:Kvs=2.6; Dp=4.9 kPa

Pipe: 20 (3/4"); 8 m; Dp=2.67 kPa; Linear Dp=318 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.241 kPa



0.12 l/s; Hmin=14.9 kPa

TU: Dp=8 kPa

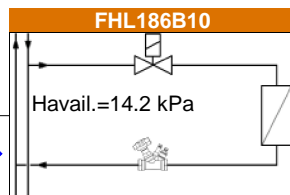
Pipe: 20 (3/4"); 6 m; Dp=0.575 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)

Tee; Dp=0.535 kPa

BV: STAD 20; Dp=6.5 kPa; Presetting=1.87 turns

CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 15 (1/2"); 10 m; Dp=4.15 kPa; Linear Dp=396 Pa/m (** Generic Steel Pipes **)



0.12 l/s; Hmin=14.2 kPa

TU: Dp=8 kPa

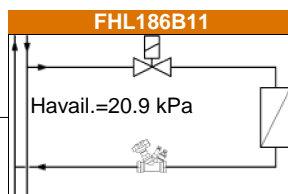
Pipe: 20 (3/4"); 3 m; Dp=0.287 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)

Elbow 90°; Dp=0.107 kPa

BV: STAD 20; Dp=3 kPa; Presetting=2.34 turns

CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 20 (3/4"); 3 m; Dp=1 kPa; Linear Dp=318 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.241 kPa



0.12 l/s; Hmin=14.6 kPa

TU: Dp=8 kPa

Pipe: 20 (3/4"); 3 m; Dp=0.287 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)

Tee; Dp=0.535 kPa

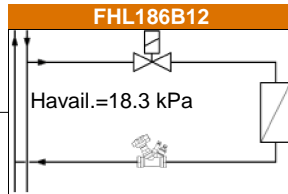
BV: STAD 20; Dp=9.32 kPa; Presetting=1.68 turns

CV:Kvs=2.6; Dp=2.76 kPa

Date: 11/4/2012

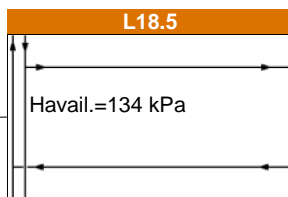
Project: MGM Vietnam

Pipe: 15 (1/2"); 6 m; Dp=2.49 kPa; Linear Dp=396 Pa/m (** Generic Steel Pipes **)



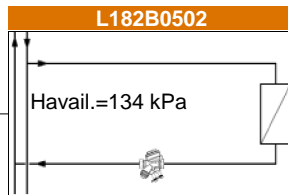
0.12 l/s; Hmin=14.4 kPa
 TU: Dp=8 kPa
 Pipe: 20 (3/4"); 6 m; Dp=0.575 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Elbow 90°; Dp=0.107 kPa
 BV: STAD 20; Dp=6.9 kPa; Presetting=1.84 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 150 (6"); 2 m; Dp=0.471 kPa; Linear Dp=224 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.058 kPa



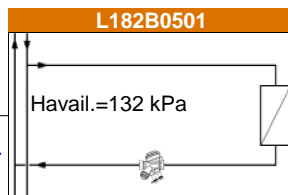
0.28 l/s; Hmin=134 kPa

Pipe: 25 (1"); 2 m; Dp=0.285 kPa; Linear Dp=136 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.128 kPa



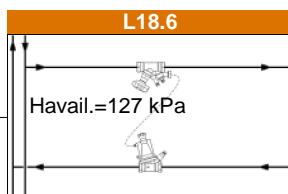
0.12 l/s; Hmin=23 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 4 m; Dp=0.383 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.462 kPa
 CV: TBV-CMP 20 NF; Presetting=5.95; Dp=15.1 kPa

Pipe: 20 (3/4"); 8 m; Dp=1.28 kPa; Linear Dp=153 Pa/m (** Generic Steel Pipes **)



0.16 l/s; Hmin=25.3 kPa
 TU: Dp=9 kPa
 Pipe: 20 (3/4"); 3 m; Dp=0.481 kPa; Linear Dp=153 Pa/m (** Generic Steel Pipes **)
 Elbow 90°; Dp=0.19 kPa
 CV: TBV-CMP 20 NF; Presetting=8.36; Dp=15.6 kPa

Pipe: 150 (6"); 28 m; Dp=6.51 kPa; Linear Dp=221 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.153 kPa

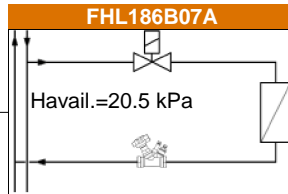


0.76 l/s; Hmin=35 kPa
 MV: STAD 32; Dp=3.71 kPa; Presetting=4.00* turns
 DpC: STAP 32; DpL=21 kPa

Date: 11/4/2012

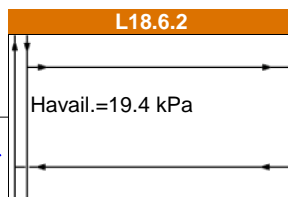
Project: MGM Vietnam

Pipe: 32 (1 1/4"); 2 m; Dp=0.449 kPa; Linear Dp=214 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.13 kPa



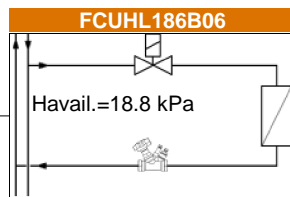
0.12 l/s; Hmin=14.3 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 9 m; Dp=0.862 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.642 kPa
 BV: STAD 20; Dp=9.27 kPa; Presetting=1.68 turns
 CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 32 (1 1/4"); 6 m; Dp=0.983 kPa; Linear Dp=156 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.212 kPa



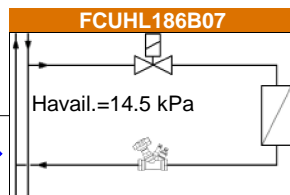
0.24 l/s; Hmin=19.4 kPa

Pipe: 20 (3/4"); 2 m; Dp=0.668 kPa; Linear Dp=318 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.241 kPa



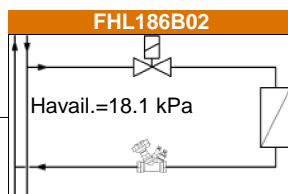
0.12 l/s; Hmin=14.7 kPa
 TU: Dp=8 kPa
 Pipe: 20 (3/4"); 4 m; Dp=0.383 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.535 kPa
 BV: STAD 20; Dp=7.08 kPa; Presetting=1.82 turns
 CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 15 (1/2"); 10 m; Dp=4.15 kPa; Linear Dp=396 Pa/m (** Generic Steel Pipes **)



0.12 l/s; Hmin=14.5 kPa
 TU: Dp=8 kPa
 Pipe: 20 (3/4"); 7 m; Dp=0.671 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Elbow 90°; Dp=0.107 kPa
 BV: STAD 20; Dp=3 kPa; Presetting=2.34 turns
 CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 25 (1"); 5 m; Dp=1.36 kPa; Linear Dp=259 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.255 kPa

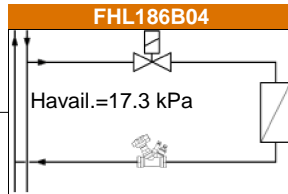


0.16 l/s; Hmin=18 kPa
 TU: Dp=8 kPa
 Pipe: 20 (3/4"); 8 m; Dp=1.28 kPa; Linear Dp=153 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.831 kPa
 BV: STAD 20; Dp=3.05 kPa; Presetting=2.73 turns
 CV:Kvs=2.6; Dp=4.9 kPa

Date: 11/4/2012

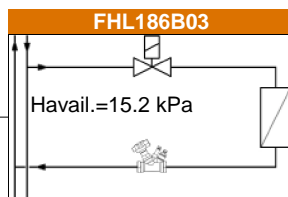
Project: MGM Vietnam

Pipe: 20 (3/4"); 2 m; Dp=0.668 kPa; Linear Dp=318 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.241 kPa



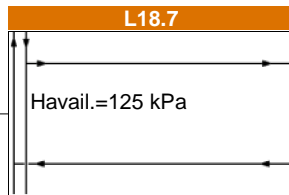
0.12 l/s; Hmin=14.7 kPa
 TU: Dp=8 kPa
 Pipe: 20 (3/4"); 4 m; Dp=0.383 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.535 kPa
 BV: STAD 20; Dp=5.68 kPa; Presetting=1.95 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 15 (1/2"); 5 m; Dp=2.08 kPa; Linear Dp=396 Pa/m (** Generic Steel Pipes **)



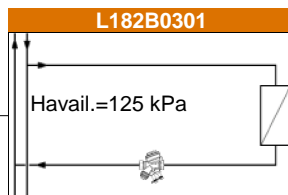
0.12 l/s; Hmin=14.3 kPa
 TU: Dp=8 kPa
 Pipe: 20 (3/4"); 5 m; Dp=0.479 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Elbow 90°; Dp=0.107 kPa
 BV: STAD 20; Dp=3.86 kPa; Presetting=2.18 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 150 (6"); 8 m; Dp=1.79 kPa; Linear Dp=213 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.048 kPa



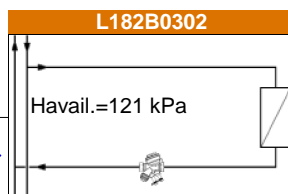
0.24 l/s; Hmin=125 kPa

Pipe: 20 (3/4"); 2 m; Dp=0.668 kPa; Linear Dp=318 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.241 kPa



0.12 l/s; Hmin=25.1 kPa
 TU: Dp=9 kPa
 Pipe: 20 (3/4"); 4 m; Dp=0.383 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.535 kPa
 CV: TBV-CMP 20 NF; Presetting=5.95; Dp=15.1 kPa

Pipe: 15 (1/2"); 8 m; Dp=3.32 kPa; Linear Dp=396 Pa/m (** Generic Steel Pipes **)

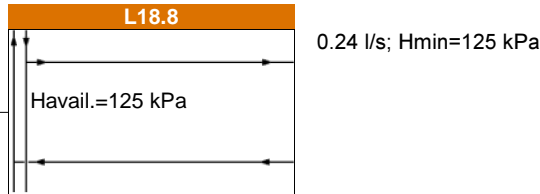


0.12 l/s; Hmin=22.5 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 3 m; Dp=0.287 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Elbow 90°; Dp=0.107 kPa
 CV: TBV-CMP 20 NF; Presetting=5.95; Dp=15.1 kPa

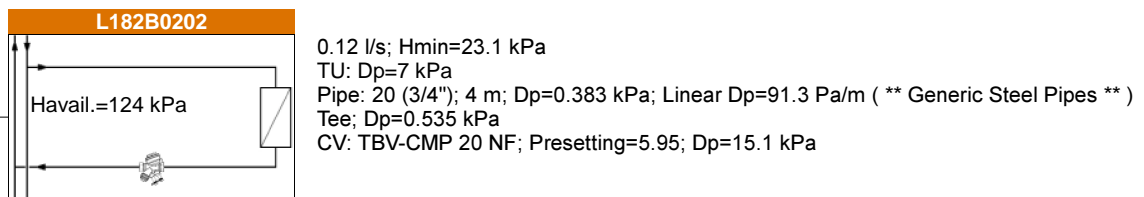
Date: 11/4/2012

Project: MGM Vietnam

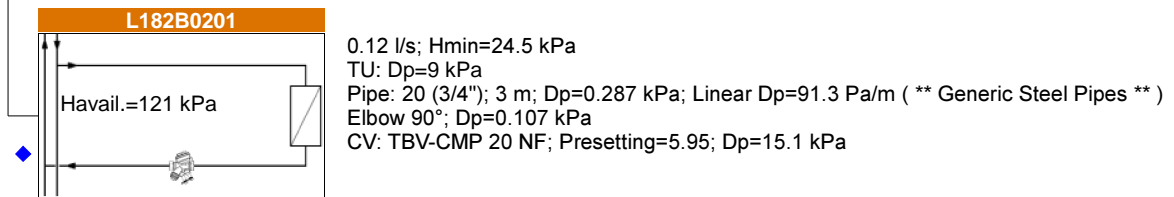
Pipe: 150 (6"); 3 m; Dp=0.662 kPa; Linear Dp=210 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.048 kPa



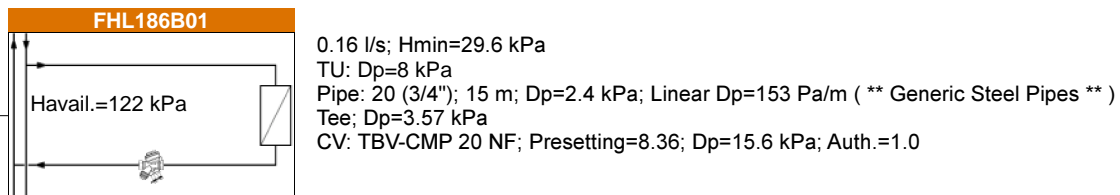
Pipe: 20 (3/4"); 2 m; Dp=0.668 kPa; Linear Dp=318 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.241 kPa



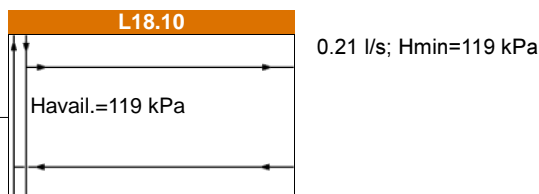
Pipe: 15 (1/2"); 8 m; Dp=3.32 kPa; Linear Dp=396 Pa/m (** Generic Steel Pipes **)



Pipe: 150 (6"); 14 m; Dp=3.05 kPa; Linear Dp=208 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.032 kPa



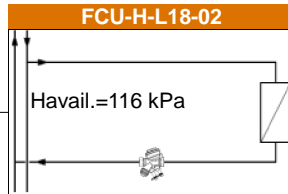
Pipe: 150 (6"); 12 m; Dp=2.59 kPa; Linear Dp=206 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.042 kPa



Date: 11/4/2012

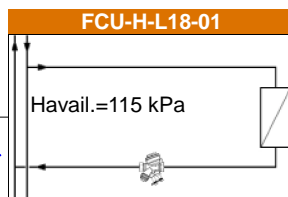
Project: MGM Vietnam

Pipe: 20 (3/4"); 12 m; Dp=3.14 kPa; Linear Dp=249 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.122 kPa



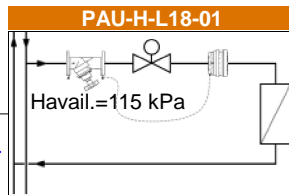
0.05 l/s; Hmin=21.5 kPa
 TU: Dp=6 kPa
 Pipe: 15 (1/2"); 2 m; Dp=0.174 kPa; Linear Dp=83.1 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.373 kPa
 CV: TBV-CMP 15 NF; Presetting=5.00; Dp=14.9 kPa; Auth.=1.0

Pipe: 20 (3/4"); 4 m; Dp=0.641 kPa; Linear Dp=153 Pa/m (** Generic Steel Pipes **)



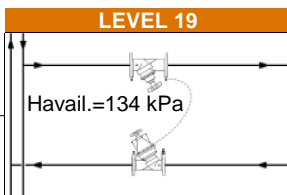
0.16 l/s; Hmin=25.6 kPa
 TU: Dp=9 kPa
 Pipe: 20 (3/4"); 5 m; Dp=0.801 kPa; Linear Dp=153 Pa/m (** Generic Steel Pipes **)
 Elbow 90°; Dp=0.19 kPa
 CV: TBV-CMP 20 NF; Presetting=8.36; Dp=15.6 kPa; Auth.=1.0

Pipe: 150 (6"); 20 m; Dp=4.28 kPa; Linear Dp=204 Pa/m (** Generic Steel Pipes **)



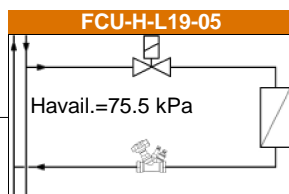
36.25 l/s; Hmin=115 kPa
 TU: Dp=48.2 kPa
 Pipe: 150 (6"); 20 m; Dp=4.28 kPa; Linear Dp=204 Pa/m (** Generic Steel Pipes **)
 Elbow 90°; Dp=3.68 kPa
 MV: STAF 150; Dp=9.64 kPa; Presetting=8.00* turns
 DpC: DA 516 DN150; DpL=27.2 kPa
 CV: Kvs=250; Dp=27.2 kPa; Auth.=0.62

Pipe: 65 (2 1/2"); 17 m; Dp=3.76 kPa; Linear Dp=211 Pa/m (** Generic Steel Pipes **)



4.29 l/s; Hmin=97.6 kPa
 MV: STAF 65-2; Dp=3.3 kPa; Presetting=8.00* turns
 DpC: STAP 65; DpL=75.9 kPa

Pipe: 65 (2 1/2"); 2 m; Dp=0.442 kPa; Linear Dp=211 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.19 kPa

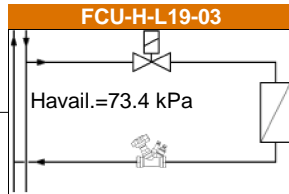


0.35 l/s; Hmin=50.2 kPa
 TU: Dp=24.5 kPa
 Pipe: 25 (1"); 80 m; Dp=17.1 kPa; Linear Dp=203 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.73 kPa
 BV: STAD 25; Dp=28.3 kPa; Presetting=1.60 turns
 CV: Kvs=6.4; Dp=3.87 kPa

Date: 11/4/2012

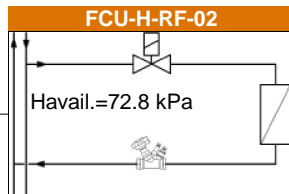
Project: MGM Vietnam

Pipe: 65 (2 1/2"); 10 m; Dp=1.89 kPa; Linear Dp=180 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.084 kPa



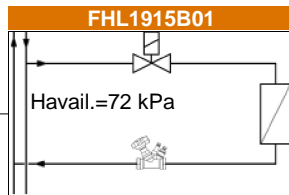
0.16 l/s; Hmin=19.6 kPa
 TU: Dp=9 kPa
 Pipe: 20 (3/4"); 9 m; Dp=1.44 kPa; Linear Dp=153 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.26 kPa
 BV: STAD 20; Dp=56.8 kPa; Presetting=1.00 turns
 CV: Kvs=2.6; Dp=4.9 kPa

Pipe: 65 (2 1/2"); 3 m; Dp=0.524 kPa; Linear Dp=166 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.164 kPa



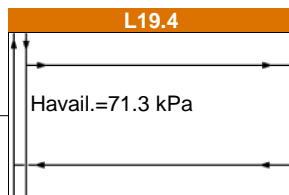
0.35 l/s; Hmin=39.4 kPa
 TU: Dp=24.5 kPa
 Pipe: 25 (1"); 30 m; Dp=6.4 kPa; Linear Dp=203 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.6 kPa
 BV: STAD 25; Dp=36.4 kPa; Presetting=1.49 turns
 CV: Kvs=6.4; Dp=3.87 kPa

Pipe: 65 (2 1/2"); 4 m; Dp=0.582 kPa; Linear Dp=139 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.106 kPa



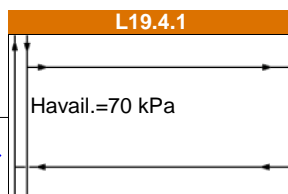
0.24 l/s; Hmin=27.5 kPa
 TU: Dp=8.63 kPa
 Pipe: 20 (3/4"); 9 m; Dp=3.01 kPa; Linear Dp=318 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.83 kPa
 BV: STAD 20; Dp=47.5 kPa; Presetting=1.55 turns
 CV: Kvs=2.6; Dp=11 kPa

Pipe: 65 (2 1/2"); 5 m; Dp=0.636 kPa; Linear Dp=121 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.213 kPa



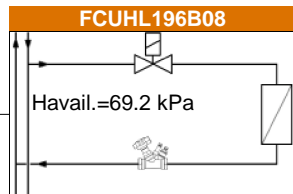
0.64 l/s; Hmin=71.3 kPa

Pipe: 32 (1 1/4"); 8 m; Dp=1.31 kPa; Linear Dp=156 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.187 kPa



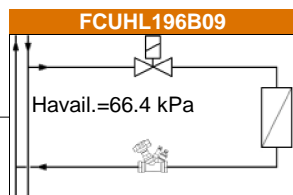
0.4 l/s; Hmin=70 kPa

Pipe: 25 (1"); 3 m; Dp=0.817 kPa; Linear Dp=259 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.255 kPa



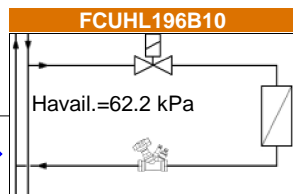
0.16 l/s; Hmin=17.4 kPa
 TU: Dp=8 kPa
 Pipe: 20 (3/4"); 4 m; Dp=0.641 kPa; Linear Dp=153 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.831 kPa
 BV: STAD 20; Dp=54.8 kPa; Presetting=1.02 turns
 CV:Kvs=2.6; Dp=4.9 kPa

Pipe: 20 (3/4"); 8 m; Dp=2.67 kPa; Linear Dp=318 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.241 kPa



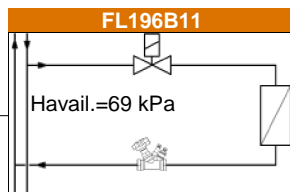
0.12 l/s; Hmin=14.9 kPa
 TU: Dp=8 kPa
 Pipe: 20 (3/4"); 6 m; Dp=0.575 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.535 kPa
 BV: STAD 20; Dp=54.6 kPa; Presetting=0.61 turns
 CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 15 (1/2"); 10 m; Dp=4.15 kPa; Linear Dp=396 Pa/m (** Generic Steel Pipes **)



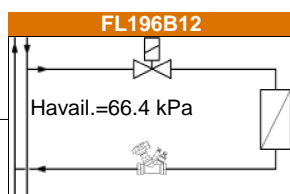
0.12 l/s; Hmin=14.2 kPa
 TU: Dp=8 kPa
 Pipe: 20 (3/4"); 3 m; Dp=0.287 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Elbow 90°; Dp=0.107 kPa
 BV: STAD 20; Dp=51.1 kPa; Presetting=0.65 turns
 CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 20 (3/4"); 3 m; Dp=1 kPa; Linear Dp=318 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.241 kPa



0.12 l/s; Hmin=14.6 kPa
 TU: Dp=8 kPa
 Pipe: 20 (3/4"); 3 m; Dp=0.287 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.535 kPa
 BV: STAD 20; Dp=57.4 kPa; Presetting=0.58 turns
 CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 15 (1/2"); 6 m; Dp=2.49 kPa; Linear Dp=396 Pa/m (** Generic Steel Pipes **)

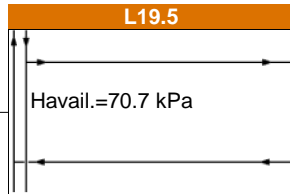


0.12 l/s; Hmin=14.4 kPa
 TU: Dp=8 kPa
 Pipe: 20 (3/4"); 6 m; Dp=0.575 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Elbow 90°; Dp=0.107 kPa
 BV: STAD 20; Dp=55 kPa; Presetting=0.60 turns
 CV:Kvs=2.6; Dp=2.76 kPa

Date: 11/4/2012

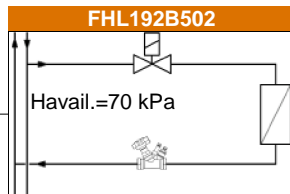
Project: MGM Vietnam

Pipe: 50 (2"); 2 m; Dp=0.614 kPa; Linear Dp=292 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.215 kPa



0.24 l/s; Hmin=70.7 kPa

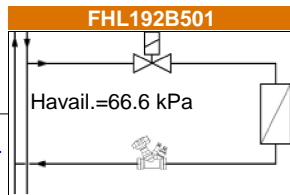
Pipe: 20 (3/4"); 2 m; Dp=0.668 kPa; Linear Dp=318 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.241 kPa



0.12 l/s; Hmin=13.7 kPa
 TU: Dp=7 kPa

Pipe: 20 (3/4"); 4 m; Dp=0.383 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.535 kPa
 BV: STAD 20; Dp=59.3 kPa; Presetting=0.56 turns
 CV:Kvs=2.6; Dp=2.76 kPa

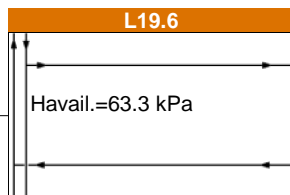
Pipe: 15 (1/2"); 8 m; Dp=3.32 kPa; Linear Dp=396 Pa/m (** Generic Steel Pipes **)



0.12 l/s; Hmin=15.2 kPa
 TU: Dp=9 kPa

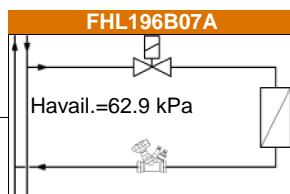
Pipe: 20 (3/4"); 3 m; Dp=0.287 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Elbow 90°; Dp=0.107 kPa
 BV: STAD 20; Dp=54.5 kPa; Presetting=0.61 turns
 CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 50 (2"); 28 m; Dp=7.14 kPa; Linear Dp=243 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.562 kPa



0.76 l/s; Hmin=63.3 kPa

Pipe: 32 (1 1/4"); 2 m; Dp=0.449 kPa; Linear Dp=214 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.13 kPa



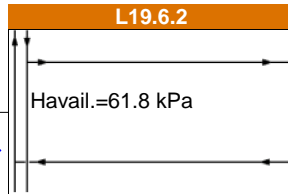
0.12 l/s; Hmin=15.3 kPa
 TU: Dp=8 kPa

Pipe: 20 (3/4"); 9 m; Dp=0.862 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.642 kPa
 BV: STAD 20; Dp=50.6 kPa; Presetting=0.66 turns
 CV:Kvs=2.6; Dp=2.76 kPa

Date: 11/4/2012

Project: MGM Vietnam

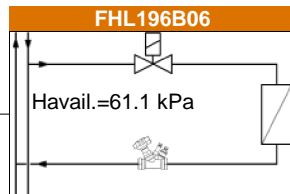
Pipe: 32 (1 1/4"); 6 m; Dp=0.983 kPa; Linear Dp=156 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.212 kPa



0.24 l/s; Hmin=61.8 kPa

Havail.=61.8 kPa

Pipe: 20 (3/4"); 2 m; Dp=0.668 kPa; Linear Dp=318 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.241 kPa



0.12 l/s; Hmin=14.7 kPa

TU: Dp=8 kPa

Pipe: 20 (3/4"); 4 m; Dp=0.383 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)

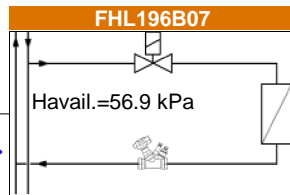
Tee; Dp=0.535 kPa

BV: STAD 20; Dp=49.4 kPa; Presetting=0.67 turns

CV: Kvs=2.6; Dp=2.76 kPa

Havail.=61.1 kPa

Pipe: 15 (1/2"); 10 m; Dp=4.15 kPa; Linear Dp=396 Pa/m (** Generic Steel Pipes **)



0.12 l/s; Hmin=14.5 kPa

TU: Dp=8 kPa

Pipe: 20 (3/4"); 7 m; Dp=0.671 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)

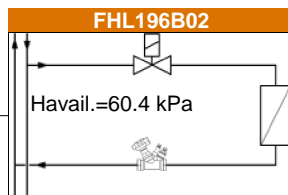
Elbow 90°; Dp=0.107 kPa

BV: STAD 20; Dp=45.3 kPa; Presetting=0.74 turns

CV: Kvs=2.6; Dp=2.76 kPa

Havail.=56.9 kPa

Pipe: 25 (1"); 5 m; Dp=1.36 kPa; Linear Dp=259 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.255 kPa



0.16 l/s; Hmin=18 kPa

TU: Dp=8 kPa

Pipe: 20 (3/4"); 8 m; Dp=1.28 kPa; Linear Dp=153 Pa/m (** Generic Steel Pipes **)

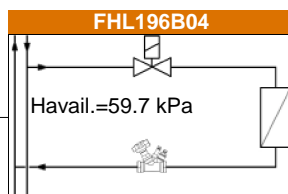
Tee; Dp=0.831 kPa

BV: STAD 20; Dp=45.4 kPa; Presetting=1.13 turns

CV: Kvs=2.6; Dp=4.9 kPa

Havail.=60.4 kPa

Pipe: 20 (3/4"); 2 m; Dp=0.668 kPa; Linear Dp=318 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.241 kPa



0.12 l/s; Hmin=14.7 kPa

TU: Dp=8 kPa

Pipe: 20 (3/4"); 4 m; Dp=0.383 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)

Tee; Dp=0.535 kPa

BV: STAD 20; Dp=48 kPa; Presetting=0.69 turns

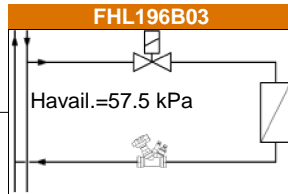
CV: Kvs=2.6; Dp=2.76 kPa

Havail.=59.7 kPa

Date: 11/4/2012

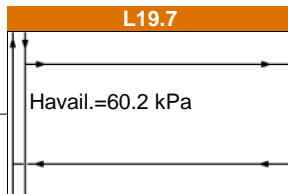
Project: MGM Vietnam

Pipe: 15 (1/2"); 5 m; Dp=2.08 kPa; Linear Dp=396 Pa/m (** Generic Steel Pipes **)



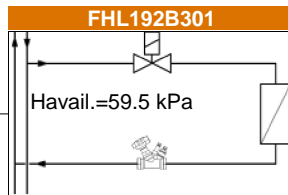
0.12 l/s; Hmin=14.3 kPa
 TU: Dp=8 kPa
 Pipe: 20 (3/4"); 5 m; Dp=0.479 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Elbow 90°; Dp=0.107 kPa
 BV: STAD 20; Dp=46.2 kPa; Presetting=0.73 turns
 CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 40 (1 1/2"); 8 m; Dp=3.16 kPa; Linear Dp=377 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.29 kPa



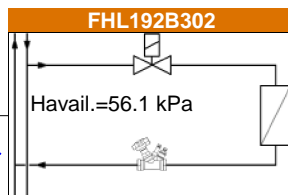
0.24 l/s; Hmin=60.2 kPa

Pipe: 20 (3/4"); 2 m; Dp=0.668 kPa; Linear Dp=318 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.241 kPa



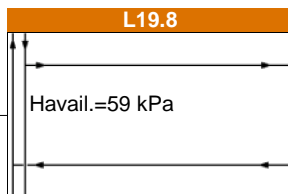
0.12 l/s; Hmin=15.7 kPa
 TU: Dp=9 kPa
 Pipe: 20 (3/4"); 4 m; Dp=0.383 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.535 kPa
 BV: STAD 20; Dp=46.8 kPa; Presetting=0.71 turns
 CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 15 (1/2"); 8 m; Dp=3.32 kPa; Linear Dp=396 Pa/m (** Generic Steel Pipes **)



0.12 l/s; Hmin=13.2 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 3 m; Dp=0.287 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Elbow 90°; Dp=0.107 kPa
 BV: STAD 20; Dp=45.9 kPa; Presetting=0.73 turns
 CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 40 (1 1/2"); 3 m; Dp=0.867 kPa; Linear Dp=275 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.237 kPa

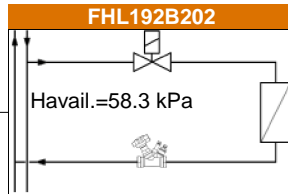


0.24 l/s; Hmin=59 kPa

Date: 11/4/2012

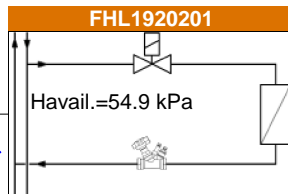
Project: MGM Vietnam

Pipe: 20 (3/4"); 2 m; Dp=0.668 kPa; Linear Dp=318 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.241 kPa



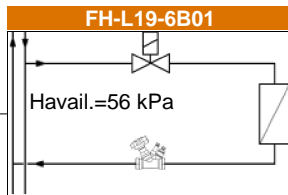
0.12 l/s; Hmin=13.7 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 4 m; Dp=0.383 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.535 kPa
 BV: STAD 20; Dp=47.7 kPa; Presetting=0.70 turns
 CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 15 (1/2"); 8 m; Dp=3.32 kPa; Linear Dp=396 Pa/m (** Generic Steel Pipes **)



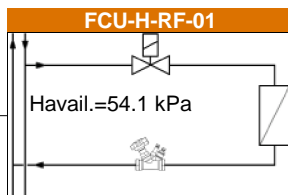
0.12 l/s; Hmin=15.2 kPa
 TU: Dp=9 kPa
 Pipe: 20 (3/4"); 3 m; Dp=0.287 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Elbow 90°; Dp=0.107 kPa
 BV: STAD 20; Dp=42.8 kPa; Presetting=0.79 turns
 CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 40 (1 1/2"); 14 m; Dp=2.78 kPa; Linear Dp=189 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.135 kPa



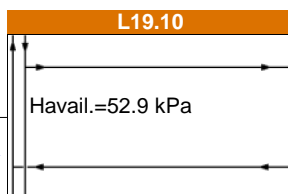
0.16 l/s; Hmin=19.2 kPa
 TU: Dp=8 kPa
 Pipe: 20 (3/4"); 15 m; Dp=2.4 kPa; Linear Dp=153 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.863 kPa
 BV: STAD 20; Dp=39.8 kPa; Presetting=1.21 turns
 CV:Kvs=2.6; Dp=4.9 kPa

Pipe: 32 (1 1/4"); 6 m; Dp=1.88 kPa; Linear Dp=298 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.431 kPa



0.35 l/s; Hmin=39.3 kPa
 TU: Dp=24.5 kPa
 Pipe: 25 (1"); 30 m; Dp=6.4 kPa; Linear Dp=203 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=1.57 kPa
 BV: STAD 25; Dp=17.8 kPa; Presetting=1.80 turns
 CV:Kvs=6.4; Dp=3.87 kPa

Pipe: 32 (1 1/4"); 6 m; Dp=0.77 kPa; Linear Dp=122 Pa/m (** Generic Steel Pipes **)

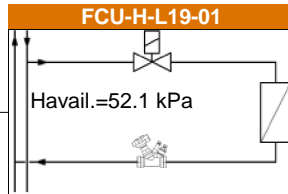


0.56 l/s; Hmin=52.9 kPa

Date: 11/4/2012

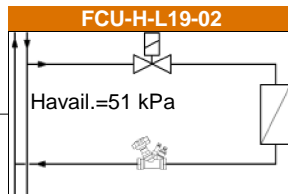
Project: MGM Vietnam

Pipe: 32 (1 1/4"); 6 m; Dp=0.77 kPa; Linear Dp=122 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.144 kPa



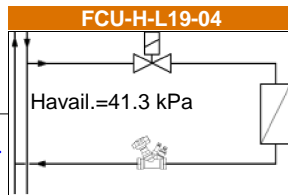
0.16 l/s; Hmin=20.2 kPa
 TU: Dp=9 kPa
 Pipe: 20 (3/4"); 16 m; Dp=2.56 kPa; Linear Dp=153 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.749 kPa
 BV: STAD 20; Dp=34.9 kPa; Presetting=1.28 turns
 CV: Kvs=2.6; Dp=4.9 kPa

Pipe: 25 (1"); 4 m; Dp=1.09 kPa; Linear Dp=259 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.094 kPa



0.05 l/s; Hmin=10.3 kPa
 TU: Dp=6 kPa
 Pipe: 15 (1/2"); 3 m; Dp=0.262 kPa; Linear Dp=83.1 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.524 kPa
 BV: STAD 15/14; Dp=43.8 kPa; Presetting=1.34 turns
 CV: Kvs=2.6; Dp=0.478 kPa

Pipe: 25 (1"); 45 m; Dp=9.6 kPa; Linear Dp=203 Pa/m (** Generic Steel Pipes **)

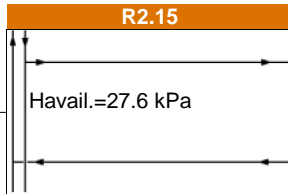


0.35 l/s; Hmin=41.3 kPa
 TU: Dp=24.5 kPa
 Pipe: 25 (1"); 45 m; Dp=9.6 kPa; Linear Dp=203 Pa/m (** Generic Steel Pipes **)
 Elbow 90°; Dp=0.362 kPa
 BV: STAD 25; Dp=3 kPa; Presetting=3.15 turns
 CV: Kvs=6.4; Dp=3.87 kPa

Date: 11/4/2012

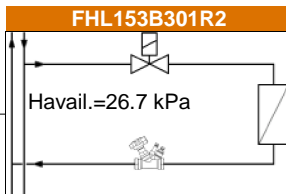
Project: MGM Vietnam

Pipe: 40 (1 1/2"); 14 m; Dp=5.81 kPa; Linear Dp=395 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.692 kPa



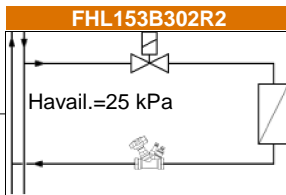
COPY TO L16, L17
 0.53 l/s; Hmin=27.6 kPa

Pipe: 32 (1 1/4"); 8 m; Dp=0.929 kPa; Linear Dp=111 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.094 kPa



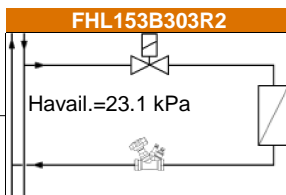
0.12 l/s; Hmin=14.1 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 9 m; Dp=0.862 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.468 kPa
 BV: STAD 20; Dp=15.6 kPa; Presetting=1.41 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 25 (1"); 6 m; Dp=1.71 kPa; Linear Dp=271 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.266 kPa



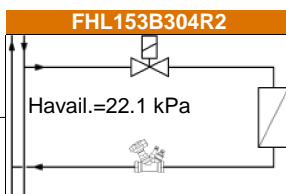
0.16 l/s; Hmin=19.2 kPa
 TU: Dp=9 kPa
 Pipe: 20 (3/4"); 9 m; Dp=1.44 kPa; Linear Dp=153 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.834 kPa
 BV: STAD 20; Dp=8.79 kPa; Presetting=2.03 turns
 CV: Kvs=2.6; Dp=4.9 kPa

Pipe: 20 (3/4"); 5 m; Dp=1.8 kPa; Linear Dp=343 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.259 kPa



0.11 l/s; Hmin=13.6 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 9 m; Dp=0.739 kPa; Linear Dp=78.2 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.532 kPa
 BV: STAD 20; Dp=12.5 kPa; Presetting=1.43 turns
 CV: Kvs=2.6; Dp=2.32 kPa

Pipe: 20 (3/4"); 6 m; Dp=0.757 kPa; Linear Dp=120 Pa/m (** Generic Steel Pipes **)

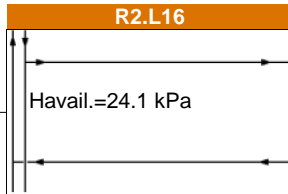


0.14 l/s; Hmin=16 kPa
 TU: Dp=8 kPa
 Pipe: 20 (3/4"); 9 m; Dp=1.14 kPa; Linear Dp=120 Pa/m (** Generic Steel Pipes **)
 Elbow 90°; Dp=0.146 kPa
 BV: STAD 20; Dp=9.09 kPa; Presetting=1.85 turns
 CV: Kvs=2.6; Dp=3.75 kPa

Date: 11/4/2012

Project: MGM Vietnam

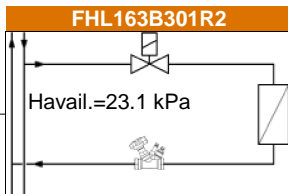
Pipe: 32 (1 1/4"); 8 m; Dp=3.33 kPa; Linear Dp=396 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.616 kPa



COPY TO L16, L17
 0.53 l/s; Hmin=24.1 kPa

Havail.=24.1 kPa

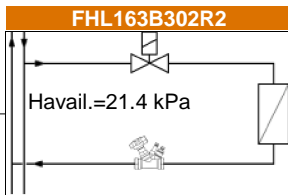
Pipe: 32 (1 1/4"); 8 m; Dp=0.929 kPa; Linear Dp=111 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.094 kPa



0.12 l/s; Hmin=14.1 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 9 m; Dp=0.862 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.468 kPa
 BV: STAD 20; Dp=12 kPa; Presetting=1.55 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Havail.=23.1 kPa

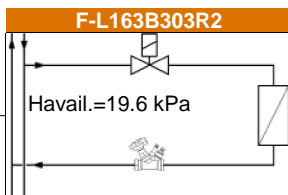
Pipe: 25 (1"); 6 m; Dp=1.71 kPa; Linear Dp=271 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.266 kPa



0.16 l/s; Hmin=19.2 kPa
 TU: Dp=9 kPa
 Pipe: 20 (3/4"); 9 m; Dp=1.44 kPa; Linear Dp=153 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.834 kPa
 BV: STAD 20; Dp=5.24 kPa; Presetting=2.35 turns
 CV: Kvs=2.6; Dp=4.9 kPa

Havail.=21.4 kPa

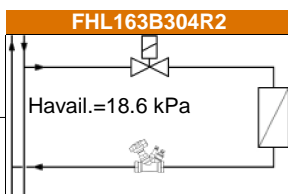
Pipe: 20 (3/4"); 5 m; Dp=1.8 kPa; Linear Dp=343 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.259 kPa



0.11 l/s; Hmin=13.6 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 9 m; Dp=0.739 kPa; Linear Dp=78.2 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.532 kPa
 BV: STAD 20; Dp=9 kPa; Presetting=1.61 turns
 CV: Kvs=2.6; Dp=2.32 kPa

Havail.=19.6 kPa

Pipe: 20 (3/4"); 6 m; Dp=0.757 kPa; Linear Dp=120 Pa/m (** Generic Steel Pipes **)



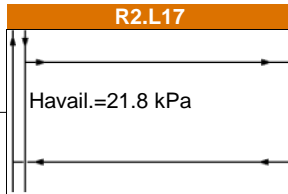
0.14 l/s; Hmin=16 kPa
 TU: Dp=8 kPa
 Pipe: 20 (3/4"); 9 m; Dp=1.14 kPa; Linear Dp=120 Pa/m (** Generic Steel Pipes **)
 Elbow 90°; Dp=0.146 kPa
 BV: STAD 20; Dp=5.54 kPa; Presetting=2.14 turns
 CV: Kvs=2.6; Dp=3.75 kPa

Havail.=18.6 kPa

Date: 11/4/2012

Project: MGM Vietnam

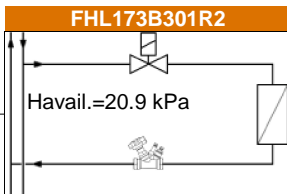
Pipe: 32 (1 1/4"); 14 m; Dp=1.63 kPa; Linear Dp=111 Pa/m (** Generic Steel Pipes **)



R2.L17
 COPY TO L16, L17
 0.53 l/s; Hmin=21.8 kPa

Havail.=21.8 kPa

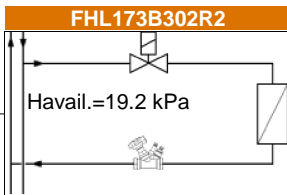
Pipe: 32 (1 1/4"); 8 m; Dp=0.929 kPa; Linear Dp=111 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.094 kPa



FHL173B301R2
 0.12 l/s; Hmin=14.1 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 9 m; Dp=0.862 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.468 kPa
 BV: STAD 20; Dp=9.8 kPa; Presetting=1.65 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Havail.=20.9 kPa

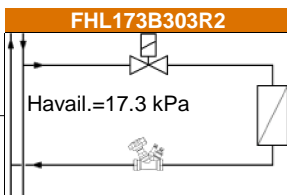
Pipe: 25 (1"); 6 m; Dp=1.71 kPa; Linear Dp=271 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.266 kPa



FHL173B302R2
 0.16 l/s; Hmin=19.2 kPa
 TU: Dp=9 kPa
 Pipe: 20 (3/4"); 9 m; Dp=1.44 kPa; Linear Dp=153 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.834 kPa
 BV: STAD 20; Dp=3 kPa; Presetting=2.75 turns
 CV: Kvs=2.6; Dp=4.9 kPa

Havail.=19.2 kPa

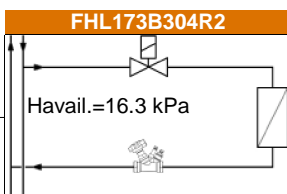
Pipe: 20 (3/4"); 5 m; Dp=1.8 kPa; Linear Dp=343 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.259 kPa



FHL173B303R2
 0.11 l/s; Hmin=13.6 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 9 m; Dp=0.739 kPa; Linear Dp=78.2 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.532 kPa
 BV: STAD 20; Dp=6.76 kPa; Presetting=1.76 turns
 CV: Kvs=2.6; Dp=2.32 kPa

Havail.=17.3 kPa

Pipe: 20 (3/4"); 6 m; Dp=0.757 kPa; Linear Dp=120 Pa/m (** Generic Steel Pipes **)



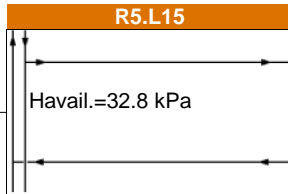
FHL173B304R2
 0.14 l/s; Hmin=16 kPa
 TU: Dp=8 kPa
 Pipe: 20 (3/4"); 9 m; Dp=1.14 kPa; Linear Dp=120 Pa/m (** Generic Steel Pipes **)
 Elbow 90°; Dp=0.146 kPa
 BV: STAD 20; Dp=3.3 kPa; Presetting=2.49 turns
 CV: Kvs=2.6; Dp=3.75 kPa

Havail.=16.3 kPa

Date: 11/4/2012

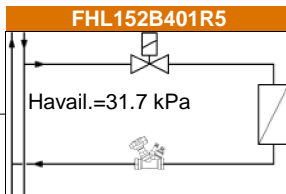
Project: MGM Vietnam

Pipe: 50 (2"); 8 m; Dp=1.66 kPa; Linear Dp=198 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.453 kPa



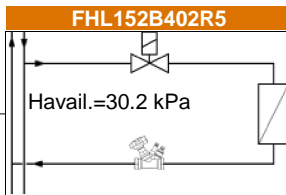
COPY TO L16,17
 0.69 l/s; Hmin=32.8 kPa

Pipe: 32 (1 1/4"); 6 m; Dp=1.13 kPa; Linear Dp=179 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.115 kPa



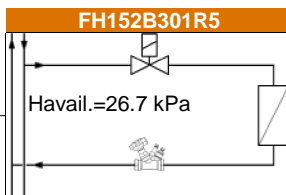
0.12 l/s; Hmin=16.2 kPa
 TU: Dp=9 kPa
 Pipe: 20 (3/4"); 9 m; Dp=0.862 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.563 kPa
 BV: STAD 20; Dp=18.5 kPa; Presetting=1.31 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 32 (1 1/4"); 10 m; Dp=1.33 kPa; Linear Dp=126 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.087 kPa



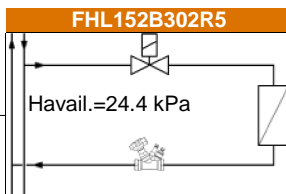
0.11 l/s; Hmin=13.5 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 9 m; Dp=0.739 kPa; Linear Dp=78.2 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.421 kPa
 BV: STAD 20; Dp=19.8 kPa; Presetting=1.18 turns
 CV: Kvs=2.6; Dp=2.32 kPa

Pipe: 25 (1"); 10 m; Dp=3.52 kPa; Linear Dp=335 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.265 kPa



0.12 l/s; Hmin=16.3 kPa
 TU: Dp=9 kPa
 Pipe: 20 (3/4"); 9 m; Dp=0.862 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.703 kPa
 BV: STAD 20; Dp=13.4 kPa; Presetting=1.49 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 25 (1"); 10 m; Dp=2.02 kPa; Linear Dp=193 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.175 kPa

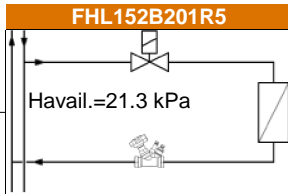


0.11 l/s; Hmin=13.5 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 9 m; Dp=0.739 kPa; Linear Dp=78.2 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.436 kPa
 BV: STAD 20; Dp=13.9 kPa; Presetting=1.38 turns
 CV: Kvs=2.6; Dp=2.32 kPa

Date: 11/4/2012

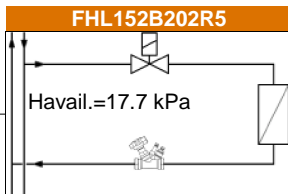
Project: MGM Vietnam

Pipe: 20 (3/4"); 10 m; Dp=3.09 kPa; Linear Dp=294 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.218 kPa



0.12 l/s; Hmin=16.1 kPa
 TU: Dp=9 kPa
 Pipe: 20 (3/4"); 9 m; Dp=0.862 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.51 kPa
 BV: STAD 20; Dp=8.21 kPa; Presetting=1.74 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 15 (1/2"); 10 m; Dp=3.55 kPa; Linear Dp=338 Pa/m (** Generic Steel Pipes **)

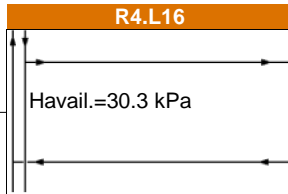


0.11 l/s; Hmin=13.1 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 9 m; Dp=0.739 kPa; Linear Dp=78.2 Pa/m (** Generic Steel Pipes **)
 Elbow 90°; Dp=0.09 kPa
 BV: STAD 20; Dp=7.57 kPa; Presetting=1.70 turns
 CV: Kvs=2.6; Dp=2.32 kPa

Date: 11/4/2012

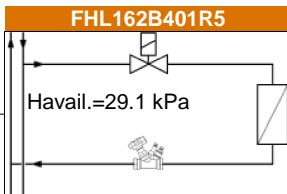
Project: MGM Vietnam

Pipe: 40 (1 1/2"); 8 m; Dp=2.55 kPa; Linear Dp=303 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.568 kPa



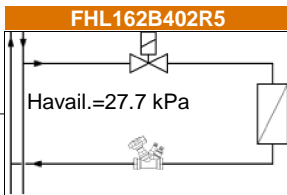
COPY TO L16,17
 0.69 l/s; Hmin=30.3 kPa

Pipe: 32 (1 1/4"); 6 m; Dp=1.13 kPa; Linear Dp=179 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.115 kPa



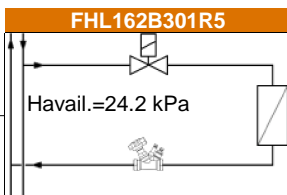
0.12 l/s; Hmin=16.2 kPa
 TU: Dp=9 kPa
 Pipe: 20 (3/4"); 9 m; Dp=0.862 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.563 kPa
 BV: STAD 20; Dp=16 kPa; Presetting=1.40 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 32 (1 1/4"); 10 m; Dp=1.33 kPa; Linear Dp=126 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.087 kPa



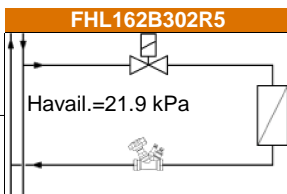
0.11 l/s; Hmin=13.5 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 9 m; Dp=0.739 kPa; Linear Dp=78.2 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.421 kPa
 BV: STAD 20; Dp=17.2 kPa; Presetting=1.26 turns
 CV: Kvs=2.6; Dp=2.32 kPa

Pipe: 25 (1"); 10 m; Dp=3.52 kPa; Linear Dp=335 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.265 kPa



0.12 l/s; Hmin=16.3 kPa
 TU: Dp=9 kPa
 Pipe: 20 (3/4"); 9 m; Dp=0.862 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.703 kPa
 BV: STAD 20; Dp=10.9 kPa; Presetting=1.60 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 25 (1"); 10 m; Dp=2.02 kPa; Linear Dp=193 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.175 kPa

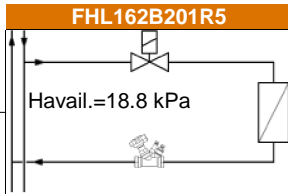


0.11 l/s; Hmin=13.5 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 9 m; Dp=0.739 kPa; Linear Dp=78.2 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.436 kPa
 BV: STAD 20; Dp=11.4 kPa; Presetting=1.48 turns
 CV: Kvs=2.6; Dp=2.32 kPa

Date: 11/4/2012

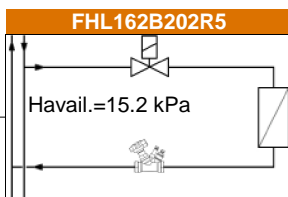
Project: MGM Vietnam

Pipe: 20 (3/4"); 10 m; Dp=3.09 kPa; Linear Dp=294 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.218 kPa



0.12 l/s; Hmin=16.1 kPa
 TU: Dp=9 kPa
 Pipe: 20 (3/4"); 9 m; Dp=0.862 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.51 kPa
 BV: STAD 20; Dp=5.66 kPa; Presetting=1.95 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 15 (1/2"); 10 m; Dp=3.55 kPa; Linear Dp=338 Pa/m (** Generic Steel Pipes **)

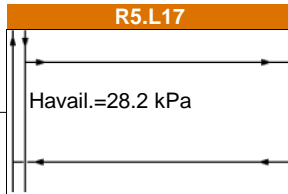


0.11 l/s; Hmin=13.1 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 9 m; Dp=0.739 kPa; Linear Dp=78.2 Pa/m (** Generic Steel Pipes **)
 Elbow 90°; Dp=0.09 kPa
 BV: STAD 20; Dp=5.02 kPa; Presetting=1.92 turns
 CV: Kvs=2.6; Dp=2.32 kPa

Date: 11/4/2012

Project: MGM Vietnam

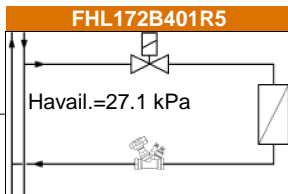
Pipe: 32 (1 1/4"); 8 m; Dp=1.5 kPa; Linear Dp=179 Pa/m (** Generic Steel Pipes **)



COPY TO L16,17
0.69 l/s; Hmin=28.2 kPa

Havail.=28.2 kPa

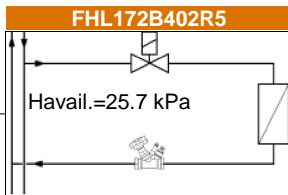
Pipe: 32 (1 1/4"); 6 m; Dp=1.13 kPa; Linear Dp=179 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.115 kPa



0.12 l/s; Hmin=16.2 kPa
TU: Dp=9 kPa
Pipe: 20 (3/4"); 9 m; Dp=0.862 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.563 kPa
BV: STAD 20; Dp=13.9 kPa; Presetting=1.47 turns
CV: Kvs=2.6; Dp=2.76 kPa

Havail.=27.1 kPa

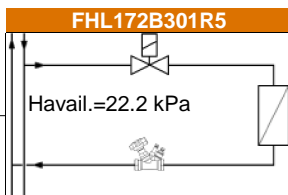
Pipe: 32 (1 1/4"); 10 m; Dp=1.33 kPa; Linear Dp=126 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.087 kPa



0.11 l/s; Hmin=13.5 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 9 m; Dp=0.739 kPa; Linear Dp=78.2 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.421 kPa
BV: STAD 20; Dp=15.2 kPa; Presetting=1.33 turns
CV: Kvs=2.6; Dp=2.32 kPa

Havail.=25.7 kPa

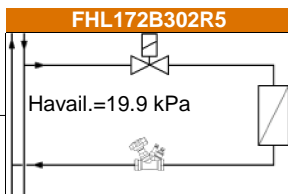
Pipe: 25 (1"); 10 m; Dp=3.52 kPa; Linear Dp=335 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.265 kPa



0.12 l/s; Hmin=16.3 kPa
TU: Dp=9 kPa
Pipe: 20 (3/4"); 9 m; Dp=0.862 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.703 kPa
BV: STAD 20; Dp=8.83 kPa; Presetting=1.71 turns
CV: Kvs=2.6; Dp=2.76 kPa

Havail.=22.2 kPa

Pipe: 25 (1"); 10 m; Dp=2.02 kPa; Linear Dp=193 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.175 kPa



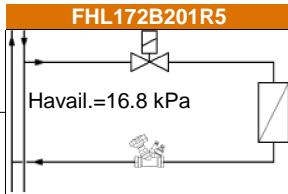
0.11 l/s; Hmin=13.5 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 9 m; Dp=0.739 kPa; Linear Dp=78.2 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.436 kPa
BV: STAD 20; Dp=9.37 kPa; Presetting=1.59 turns
CV: Kvs=2.6; Dp=2.32 kPa

Havail.=19.9 kPa

Date: 11/4/2012

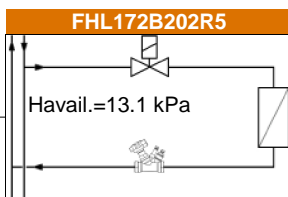
Project: MGM Vietnam

Pipe: 20 (3/4"); 10 m; Dp=3.09 kPa; Linear Dp=294 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.218 kPa



0.12 l/s; Hmin=16.1 kPa
 TU: Dp=9 kPa
 Pipe: 20 (3/4"); 9 m; Dp=0.862 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.51 kPa
 BV: STAD 20; Dp=3.64 kPa; Presetting=2.21 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 15 (1/2"); 10 m; Dp=3.55 kPa; Linear Dp=338 Pa/m (** Generic Steel Pipes **)

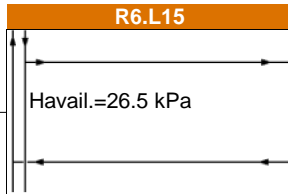


0.11 l/s; Hmin=13.1 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 9 m; Dp=0.739 kPa; Linear Dp=78.2 Pa/m (** Generic Steel Pipes **)
 Elbow 90°; Dp=0.09 kPa
 BV: STAD 20; Dp=3 kPa; Presetting=2.23 turns
 CV: Kvs=2.6; Dp=2.32 kPa

Date: 11/4/2012

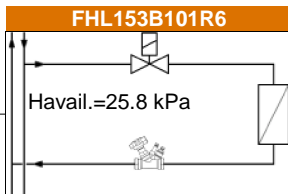
Project: MGM Vietnam

Pipe: 40 (1 1/2"); 8 m; Dp=3.2 kPa; Linear Dp=381 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.666 kPa



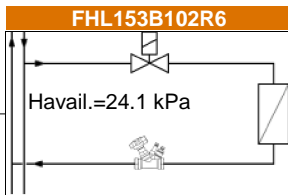
COPY TO L16, L17
 0.52 l/s; Hmin=26.5 kPa

Pipe: 32 (1 1/4"); 6 m; Dp=0.673 kPa; Linear Dp=107 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.093 kPa



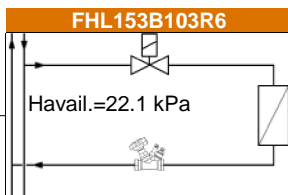
0.12 l/s; Hmin=15 kPa
 TU: Dp=8 kPa
 Pipe: 20 (3/4"); 8 m; Dp=0.767 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.467 kPa
 BV: STAD 20; Dp=13.8 kPa; Presetting=1.47 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 25 (1"); 6 m; Dp=1.63 kPa; Linear Dp=259 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.255 kPa



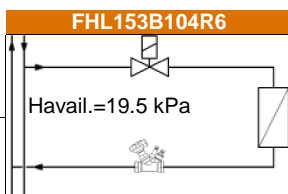
0.16 l/s; Hmin=18 kPa
 TU: Dp=8 kPa
 Pipe: 20 (3/4"); 8 m; Dp=1.28 kPa; Linear Dp=153 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.831 kPa
 BV: STAD 20; Dp=9.14 kPa; Presetting=2.00 turns
 CV: Kvs=2.6; Dp=4.9 kPa

Pipe: 20 (3/4"); 6 m; Dp=2 kPa; Linear Dp=318 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.241 kPa



0.12 l/s; Hmin=15.1 kPa
 TU: Dp=8 kPa
 Pipe: 20 (3/4"); 8 m; Dp=0.767 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.535 kPa
 BV: STAD 20; Dp=10 kPa; Presetting=1.64 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 15 (1/2"); 6 m; Dp=2.49 kPa; Linear Dp=396 Pa/m (** Generic Steel Pipes **)

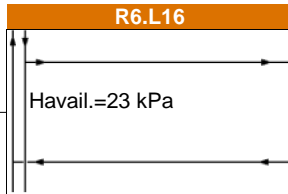


0.12 l/s; Hmin=14.6 kPa
 TU: Dp=8 kPa
 Pipe: 20 (3/4"); 8 m; Dp=0.767 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Elbow 90°; Dp=0.107 kPa
 BV: STAD 20; Dp=7.91 kPa; Presetting=1.76 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Date: 11/4/2012

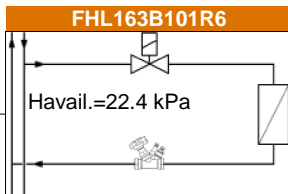
Project: MGM Vietnam

Pipe: 32 (1 1/4"); 8 m; Dp=3.21 kPa; Linear Dp=382 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.593 kPa



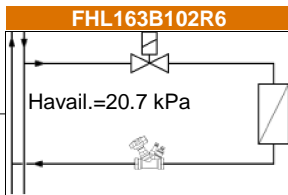
COPY TO L16, L17
 0.52 l/s; Hmin=23 kPa

Pipe: 32 (1 1/4"); 6 m; Dp=0.673 kPa; Linear Dp=107 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.093 kPa



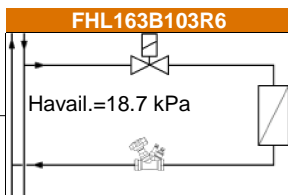
0.12 l/s; Hmin=15 kPa
 TU: Dp=8 kPa
 Pipe: 20 (3/4"); 8 m; Dp=0.767 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.467 kPa
 BV: STAD 20; Dp=10.4 kPa; Presetting=1.62 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 25 (1"); 6 m; Dp=1.63 kPa; Linear Dp=259 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.255 kPa



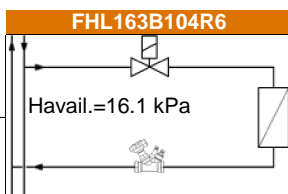
0.16 l/s; Hmin=18 kPa
 TU: Dp=8 kPa
 Pipe: 20 (3/4"); 8 m; Dp=1.28 kPa; Linear Dp=153 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.831 kPa
 BV: STAD 20; Dp=5.71 kPa; Presetting=2.30 turns
 CV: Kvs=2.6; Dp=4.9 kPa

Pipe: 20 (3/4"); 6 m; Dp=2 kPa; Linear Dp=318 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.241 kPa



0.12 l/s; Hmin=15.1 kPa
 TU: Dp=8 kPa
 Pipe: 20 (3/4"); 8 m; Dp=0.767 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.535 kPa
 BV: STAD 20; Dp=6.62 kPa; Presetting=1.86 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 15 (1/2"); 6 m; Dp=2.49 kPa; Linear Dp=396 Pa/m (** Generic Steel Pipes **)

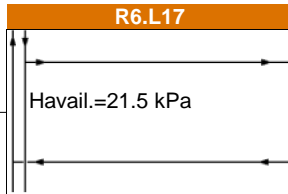


0.12 l/s; Hmin=14.6 kPa
 TU: Dp=8 kPa
 Pipe: 20 (3/4"); 8 m; Dp=0.767 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Elbow 90°; Dp=0.107 kPa
 BV: STAD 20; Dp=4.49 kPa; Presetting=2.08 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Date: 11/4/2012

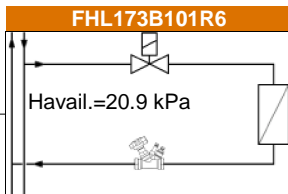
Project: MGM Vietnam

Pipe: 32 (1 1/4"); 8 m; Dp=0.898 kPa; Linear Dp=107 Pa/m (** Generic Steel Pipes **)



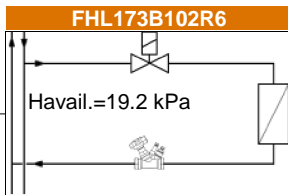
COPY TO L16, L17
0.52 l/s; Hmin=21.5 kPa

Pipe: 32 (1 1/4"); 6 m; Dp=0.673 kPa; Linear Dp=107 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.093 kPa



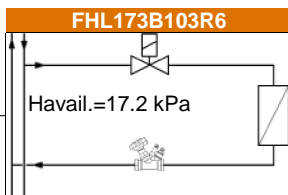
0.12 l/s; Hmin=15 kPa
TU: Dp=8 kPa
Pipe: 20 (3/4"); 8 m; Dp=0.767 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.467 kPa
BV: STAD 20; Dp=8.88 kPa; Presetting=1.70 turns
CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 25 (1"); 6 m; Dp=1.63 kPa; Linear Dp=259 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.255 kPa



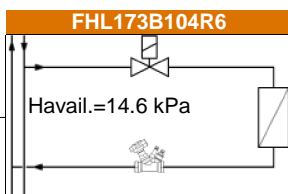
0.16 l/s; Hmin=18 kPa
TU: Dp=8 kPa
Pipe: 20 (3/4"); 8 m; Dp=1.28 kPa; Linear Dp=153 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.831 kPa
BV: STAD 20; Dp=4.22 kPa; Presetting=2.50 turns
CV: Kvs=2.6; Dp=4.9 kPa

Pipe: 20 (3/4"); 6 m; Dp=2 kPa; Linear Dp=318 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.241 kPa



0.12 l/s; Hmin=15.1 kPa
TU: Dp=8 kPa
Pipe: 20 (3/4"); 8 m; Dp=0.767 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.535 kPa
BV: STAD 20; Dp=5.13 kPa; Presetting=2.01 turns
CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 15 (1/2"); 6 m; Dp=2.49 kPa; Linear Dp=396 Pa/m (** Generic Steel Pipes **)

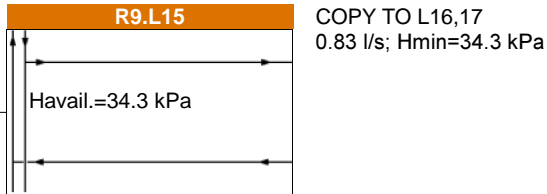


0.12 l/s; Hmin=14.6 kPa
TU: Dp=8 kPa
Pipe: 20 (3/4"); 8 m; Dp=0.767 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Elbow 90°; Dp=0.107 kPa
BV: STAD 20; Dp=3 kPa; Presetting=2.34 turns
CV: Kvs=2.6; Dp=2.76 kPa

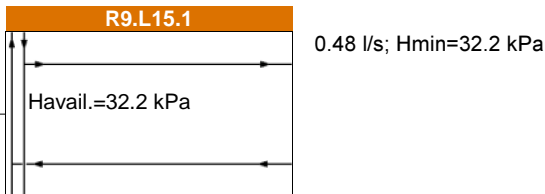
Date: 11/4/2012

Project: MGM Vietnam

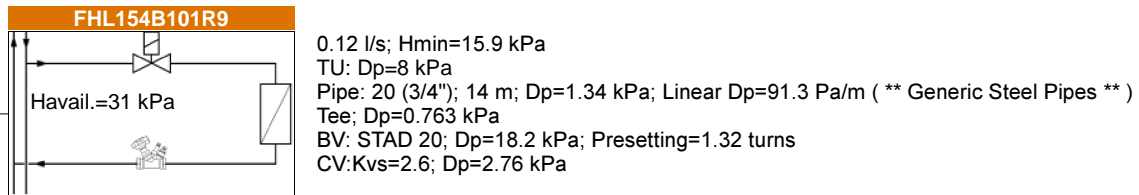
Pipe: 50 (2"); 8 m; Dp=2.35 kPa; Linear Dp=280 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.656 kPa



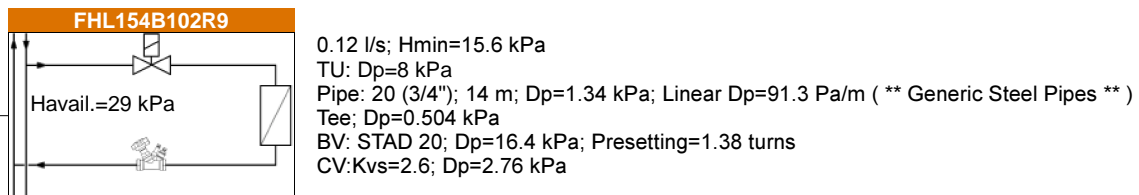
Pipe: 32 (1 1/4"); 8 m; Dp=2.11 kPa; Linear Dp=252 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.347 kPa



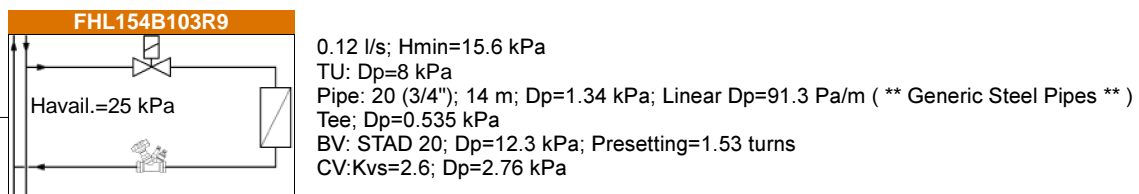
Pipe: 25 (1"); 3 m; Dp=1.14 kPa; Linear Dp=363 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.272 kPa



Pipe: 25 (1"); 8 m; Dp=1.8 kPa; Linear Dp=214 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.198 kPa



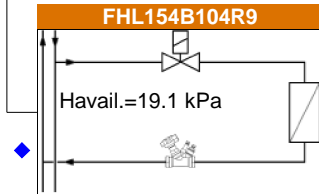
Pipe: 20 (3/4"); 12 m; Dp=4.01 kPa; Linear Dp=318 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.241 kPa



Date: 11/4/2012

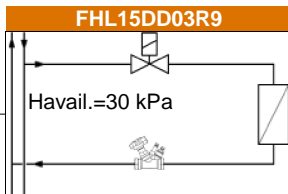
Project: MGM Vietnam

Pipe: 15 (1/2"); 14 m; Dp=5.82 kPa; Linear Dp=396 Pa/m (** Generic Steel Pipes **)



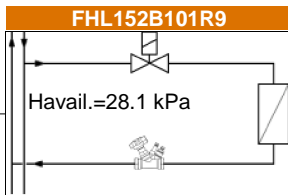
0.12 l/s; Hmin=15.2 kPa
 TU: Dp=8 kPa
 Pipe: 20 (3/4"); 14 m; Dp=1.34 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Elbow 90°; Dp=0.107 kPa
 BV: STAD 20; Dp=6.88 kPa; Presetting=1.84 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 25 (1"); 9 m; Dp=1.92 kPa; Linear Dp=203 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.188 kPa



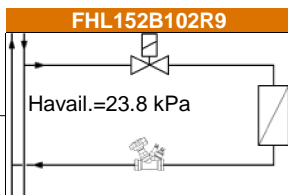
0.12 l/s; Hmin=14.1 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 9 m; Dp=0.862 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.494 kPa
 BV: STAD 20; Dp=18.9 kPa; Presetting=1.30 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 20 (3/4"); 6 m; Dp=1.85 kPa; Linear Dp=294 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.218 kPa



0.12 l/s; Hmin=16.1 kPa
 TU: Dp=9 kPa
 Pipe: 20 (3/4"); 9 m; Dp=0.862 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.51 kPa
 BV: STAD 20; Dp=15 kPa; Presetting=1.43 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 15 (1/2"); 12 m; Dp=4.26 kPa; Linear Dp=338 Pa/m (** Generic Steel Pipes **)

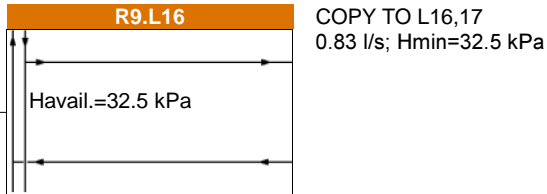


0.11 l/s; Hmin=13.1 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 9 m; Dp=0.739 kPa; Linear Dp=78.2 Pa/m (** Generic Steel Pipes **)
 Elbow 90°; Dp=0.09 kPa
 BV: STAD 20; Dp=13.6 kPa; Presetting=1.39 turns
 CV: Kvs=2.6; Dp=2.32 kPa

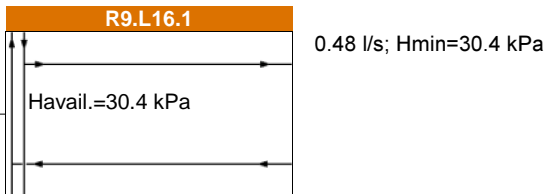
Date: 11/4/2012

Project: MGM Vietnam

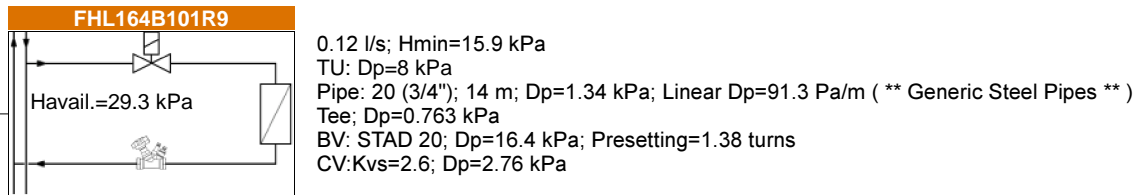
Pipe: 50 (2"); 8 m; Dp=1.11 kPa; Linear Dp=132 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.318 kPa



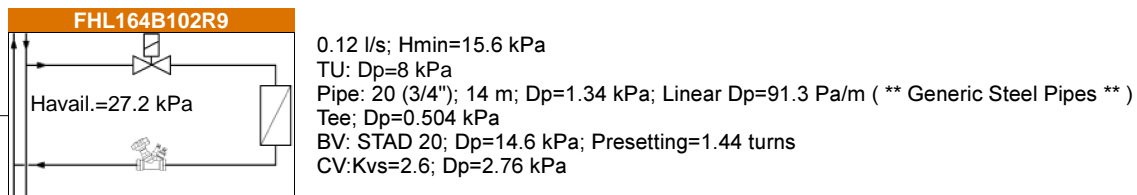
Pipe: 32 (1 1/4"); 8 m; Dp=2.11 kPa; Linear Dp=252 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.347 kPa



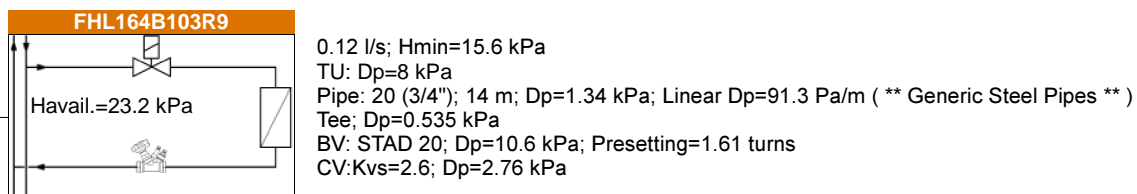
Pipe: 25 (1"); 3 m; Dp=1.14 kPa; Linear Dp=363 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.272 kPa



Pipe: 25 (1"); 8 m; Dp=1.8 kPa; Linear Dp=214 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.198 kPa



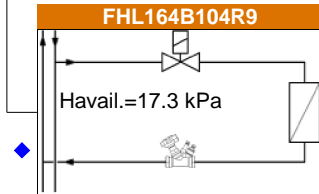
Pipe: 20 (3/4"); 12 m; Dp=4.01 kPa; Linear Dp=318 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.241 kPa



Date: 11/4/2012

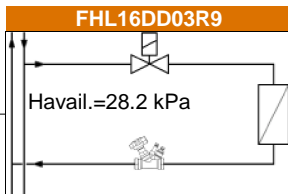
Project: MGM Vietnam

Pipe: 15 (1/2"); 14 m; Dp=5.82 kPa; Linear Dp=396 Pa/m (** Generic Steel Pipes **)



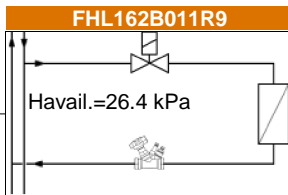
0.12 l/s; Hmin=15.2 kPa
 TU: Dp=8 kPa
 Pipe: 20 (3/4"); 14 m; Dp=1.34 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Elbow 90°; Dp=0.107 kPa
 BV: STAD 20; Dp=5.11 kPa; Presetting=2.01 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 25 (1"); 9 m; Dp=1.92 kPa; Linear Dp=203 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.188 kPa



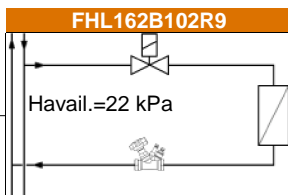
0.12 l/s; Hmin=14.1 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 9 m; Dp=0.862 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.494 kPa
 BV: STAD 20; Dp=17.1 kPa; Presetting=1.36 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 20 (3/4"); 6 m; Dp=1.85 kPa; Linear Dp=294 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.218 kPa



0.12 l/s; Hmin=16.1 kPa
 TU: Dp=9 kPa
 Pipe: 20 (3/4"); 9 m; Dp=0.862 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.51 kPa
 BV: STAD 20; Dp=13.2 kPa; Presetting=1.50 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 15 (1/2"); 12 m; Dp=4.26 kPa; Linear Dp=338 Pa/m (** Generic Steel Pipes **)

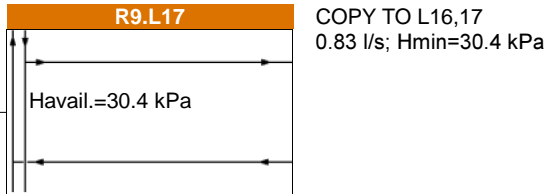


0.11 l/s; Hmin=13.1 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 9 m; Dp=0.739 kPa; Linear Dp=78.2 Pa/m (** Generic Steel Pipes **)
 Elbow 90°; Dp=0.09 kPa
 BV: STAD 20; Dp=11.9 kPa; Presetting=1.46 turns
 CV: Kvs=2.6; Dp=2.32 kPa

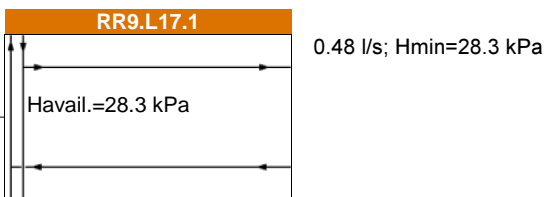
Date: 11/4/2012

Project: MGM Vietnam

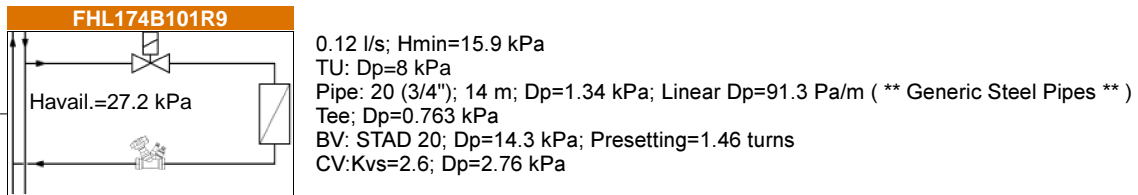
Pipe: 32 (1 1/4"); 8 m; Dp=2.11 kPa; Linear Dp=252 Pa/m (** Generic Steel Pipes **)



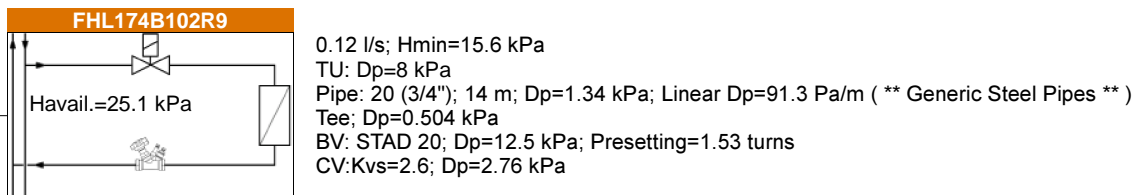
Pipe: 32 (1 1/4"); 8 m; Dp=2.11 kPa; Linear Dp=252 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.347 kPa



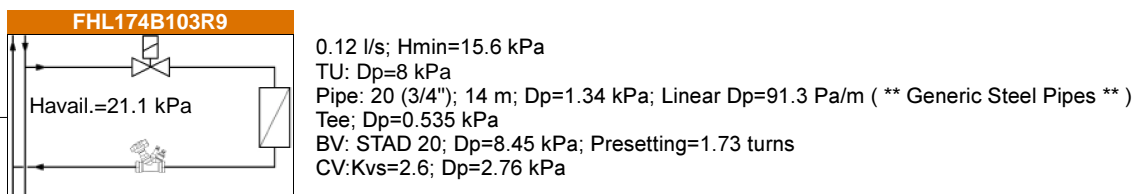
Pipe: 25 (1"); 3 m; Dp=1.14 kPa; Linear Dp=363 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.272 kPa



Pipe: 25 (1"); 8 m; Dp=1.8 kPa; Linear Dp=214 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.198 kPa



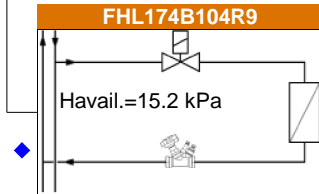
Pipe: 20 (3/4"); 12 m; Dp=4.01 kPa; Linear Dp=318 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.241 kPa



Date: 11/4/2012

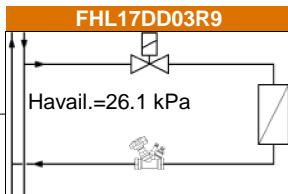
Project: MGM Vietnam

Pipe: 15 (1/2"); 14 m; Dp=5.82 kPa; Linear Dp=396 Pa/m (** Generic Steel Pipes **)



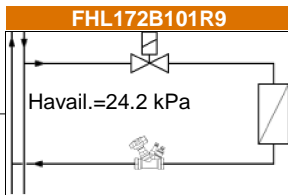
0.12 l/s; Hmin=15.2 kPa
 TU: Dp=8 kPa
 Pipe: 20 (3/4"); 14 m; Dp=1.34 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Elbow 90°; Dp=0.107 kPa
 BV: STAD 20; Dp=3 kPa; Presetting=2.34 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 25 (1"); 9 m; Dp=1.92 kPa; Linear Dp=203 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.188 kPa



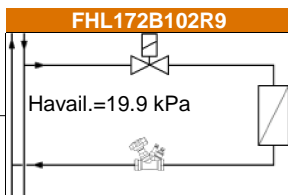
0.12 l/s; Hmin=14.1 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 9 m; Dp=0.862 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.494 kPa
 BV: STAD 20; Dp=15 kPa; Presetting=1.43 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 20 (3/4"); 6 m; Dp=1.85 kPa; Linear Dp=294 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.218 kPa



0.12 l/s; Hmin=16.4 kPa
 TU: Dp=9 kPa
 Pipe: 20 (3/4"); 9 m; Dp=0.862 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.51 kPa
 BV: STAD 20; Dp=10.9 kPa; Presetting=1.60 turns
 CV: Kvs=2.5; Dp=2.98 kPa

Pipe: 15 (1/2"); 12 m; Dp=4.26 kPa; Linear Dp=338 Pa/m (** Generic Steel Pipes **)



0.11 l/s; Hmin=13.1 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 9 m; Dp=0.739 kPa; Linear Dp=78.2 Pa/m (** Generic Steel Pipes **)
 Elbow 90°; Dp=0.09 kPa
 BV: STAD 20; Dp=9.76 kPa; Presetting=1.56 turns
 CV: Kvs=2.6; Dp=2.32 kPa

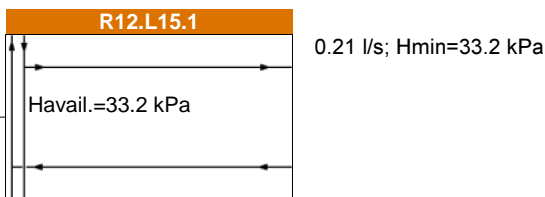
Date: 11/4/2012

Project: MGM Vietnam

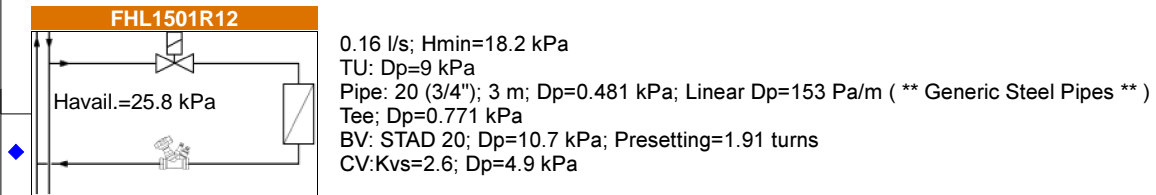
Pipe: 50 (2"); 8 m; Dp=2.96 kPa; Linear Dp=353 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.842 kPa



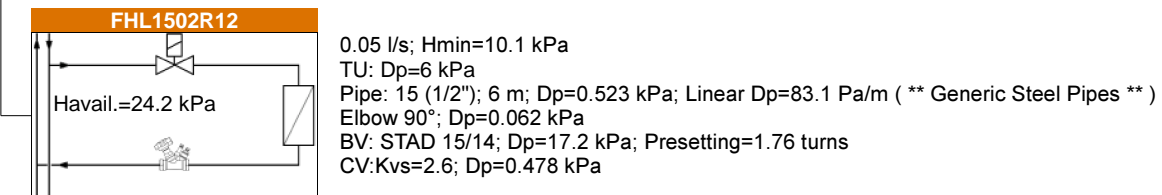
Pipe: 32 (1 1/4"); 7 m; Dp=2.33 kPa; Linear Dp=317 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.29 kPa



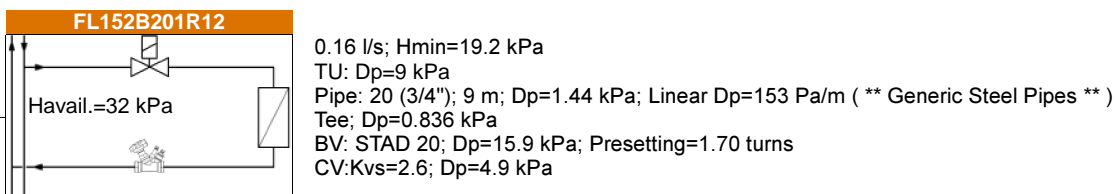
Pipe: 20 (3/4"); 28 m; Dp=7.33 kPa; Linear Dp=249 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.089 kPa



Pipe: 10 (3/8"); 5 m; Dp=1.44 kPa; Linear Dp=275 Pa/m (** Generic Steel Pipes **)



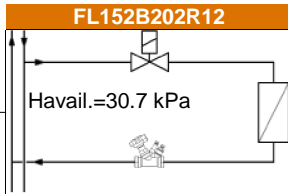
Pipe: 32 (1 1/4"); 4 m; Dp=0.834 kPa; Linear Dp=199 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.17 kPa



Date: 11/4/2012

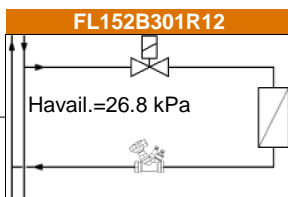
Project: MGM Vietnam

Pipe: 32 (1 1/4"); 9 m; Dp=1.19 kPa; Linear Dp=126 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.087 kPa



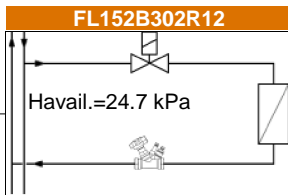
0.11 l/s; Hmin=13.5 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 9 m; Dp=0.739 kPa; Linear Dp=78.2 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.421 kPa
 BV: STAD 20; Dp=20.2 kPa; Presetting=1.17 turns
 CV: Kvs=2.6; Dp=2.32 kPa

Pipe: 25 (1"); 11 m; Dp=3.87 kPa; Linear Dp=335 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.265 kPa



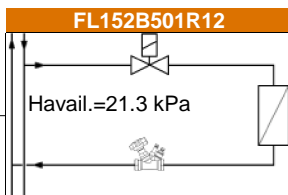
0.12 l/s; Hmin=16.3 kPa
 TU: Dp=9 kPa
 Pipe: 20 (3/4"); 9 m; Dp=0.862 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.703 kPa
 BV: STAD 20; Dp=13.5 kPa; Presetting=1.49 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 25 (1"); 9 m; Dp=1.82 kPa; Linear Dp=193 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.175 kPa



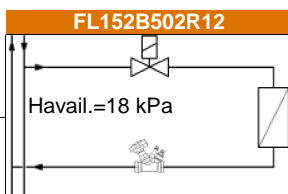
0.11 l/s; Hmin=13.5 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 9 m; Dp=0.739 kPa; Linear Dp=78.2 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.436 kPa
 BV: STAD 20; Dp=14.2 kPa; Presetting=1.36 turns
 CV: Kvs=2.6; Dp=2.32 kPa

Pipe: 20 (3/4"); 11 m; Dp=3.4 kPa; Linear Dp=294 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.218 kPa



0.12 l/s; Hmin=16.1 kPa
 TU: Dp=9 kPa
 Pipe: 20 (3/4"); 9 m; Dp=0.862 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.51 kPa
 BV: STAD 20; Dp=8.18 kPa; Presetting=1.75 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 15 (1/2"); 9 m; Dp=3.19 kPa; Linear Dp=338 Pa/m (** Generic Steel Pipes **)

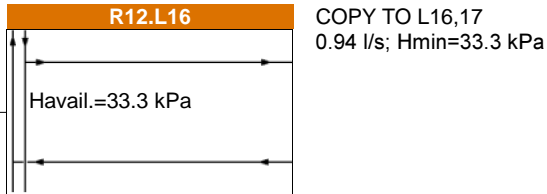


0.11 l/s; Hmin=13.1 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 9 m; Dp=0.739 kPa; Linear Dp=78.2 Pa/m (** Generic Steel Pipes **)
 Elbow 90°; Dp=0.09 kPa
 BV: STAD 20; Dp=7.89 kPa; Presetting=1.67 turns
 CV: Kvs=2.6; Dp=2.32 kPa

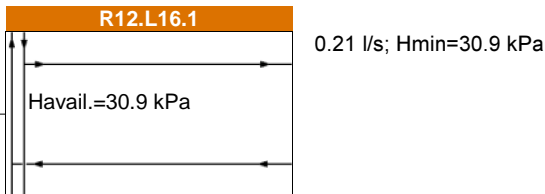
Date: 11/4/2012

Project: MGM Vietnam

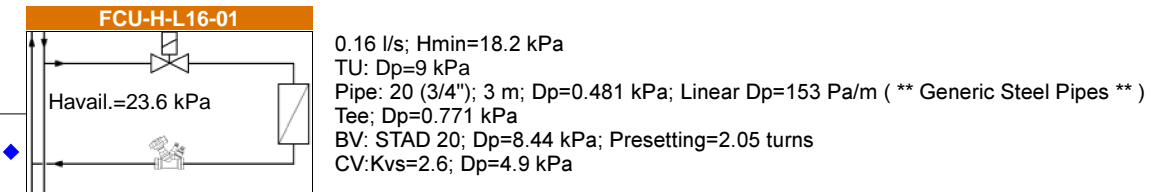
Pipe: 50 (2"); 8 m; Dp=1.39 kPa; Linear Dp=166 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.408 kPa



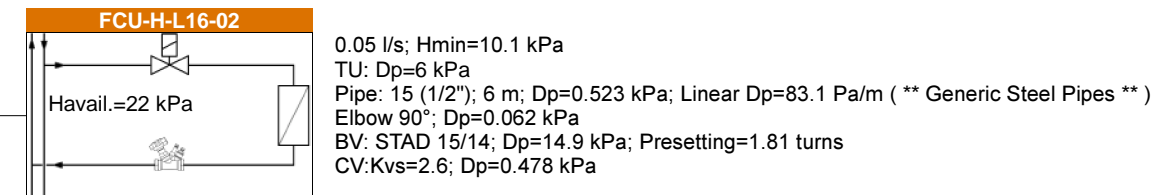
Pipe: 32 (1 1/4"); 7 m; Dp=2.33 kPa; Linear Dp=317 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.29 kPa



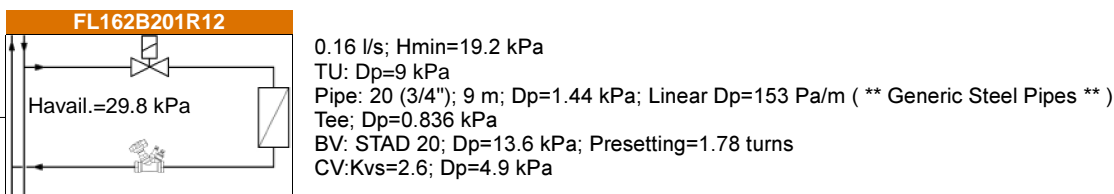
Pipe: 20 (3/4"); 28 m; Dp=7.33 kPa; Linear Dp=249 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.089 kPa



Pipe: 10 (3/8"); 5 m; Dp=1.44 kPa; Linear Dp=275 Pa/m (** Generic Steel Pipes **)



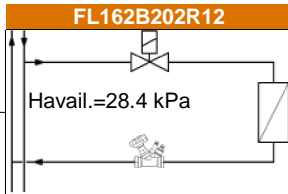
Pipe: 32 (1 1/4"); 4 m; Dp=0.834 kPa; Linear Dp=199 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.17 kPa



Date: 11/4/2012

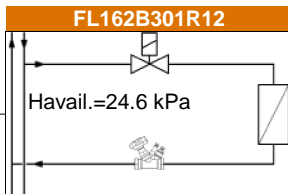
Project: MGM Vietnam

Pipe: 32 (1 1/4"); 9 m; Dp=1.19 kPa; Linear Dp=126 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.087 kPa



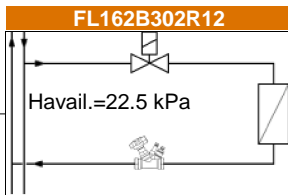
0.11 l/s; Hmin=13.5 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 9 m; Dp=0.739 kPa; Linear Dp=78.2 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.421 kPa
 BV: STAD 20; Dp=18 kPa; Presetting=1.23 turns
 CV: Kvs=2.6; Dp=2.32 kPa

Pipe: 25 (1"); 11 m; Dp=3.87 kPa; Linear Dp=335 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.265 kPa



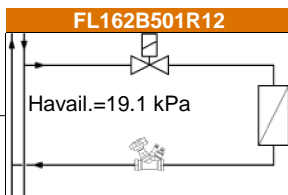
0.12 l/s; Hmin=16.3 kPa
 TU: Dp=9 kPa
 Pipe: 20 (3/4"); 9 m; Dp=0.862 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.703 kPa
 BV: STAD 20; Dp=11.2 kPa; Presetting=1.58 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 25 (1"); 9 m; Dp=1.82 kPa; Linear Dp=193 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.175 kPa



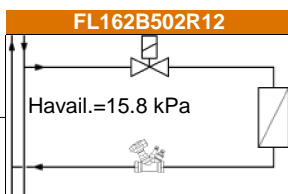
0.11 l/s; Hmin=13.5 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 9 m; Dp=0.739 kPa; Linear Dp=78.2 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.436 kPa
 BV: STAD 20; Dp=12 kPa; Presetting=1.46 turns
 CV: Kvs=2.6; Dp=2.32 kPa

Pipe: 20 (3/4"); 11 m; Dp=3.4 kPa; Linear Dp=294 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.218 kPa



0.12 l/s; Hmin=16.1 kPa
 TU: Dp=9 kPa
 Pipe: 20 (3/4"); 9 m; Dp=0.862 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.51 kPa
 BV: STAD 20; Dp=5.95 kPa; Presetting=1.92 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 15 (1/2"); 9 m; Dp=3.19 kPa; Linear Dp=338 Pa/m (** Generic Steel Pipes **)

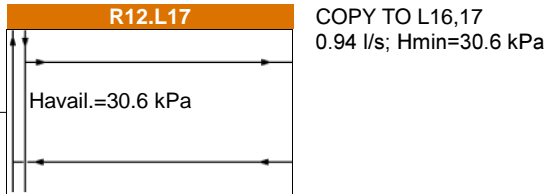


0.11 l/s; Hmin=13.1 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 9 m; Dp=0.739 kPa; Linear Dp=78.2 Pa/m (** Generic Steel Pipes **)
 Elbow 90°; Dp=0.09 kPa
 BV: STAD 20; Dp=5.66 kPa; Presetting=1.85 turns
 CV: Kvs=2.6; Dp=2.32 kPa

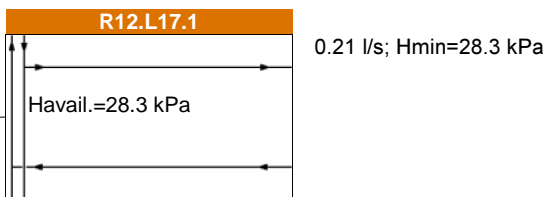
Date: 11/4/2012

Project: MGM Vietnam

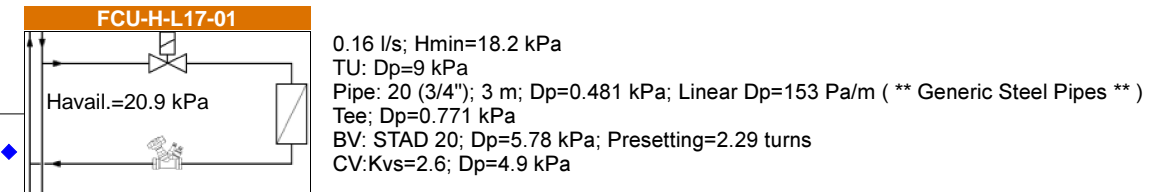
Pipe: 32 (1 1/4"); 8 m; Dp=2.66 kPa; Linear Dp=317 Pa/m (** Generic Steel Pipes **)



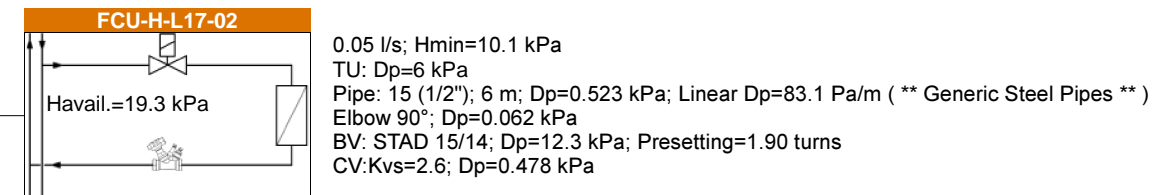
Pipe: 32 (1 1/4"); 7 m; Dp=2.33 kPa; Linear Dp=317 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.29 kPa



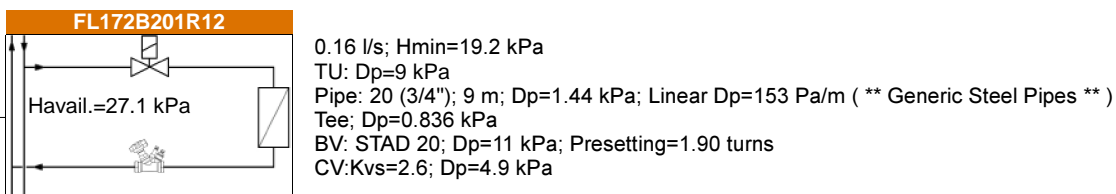
Pipe: 20 (3/4"); 28 m; Dp=7.33 kPa; Linear Dp=249 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.089 kPa



Pipe: 10 (3/8"); 5 m; Dp=1.44 kPa; Linear Dp=275 Pa/m (** Generic Steel Pipes **)



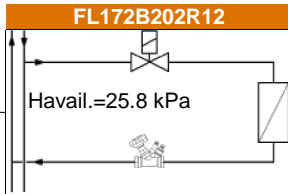
Pipe: 32 (1 1/4"); 4 m; Dp=0.834 kPa; Linear Dp=199 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.17 kPa



Date: 11/4/2012

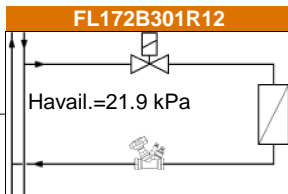
Project: MGM Vietnam

Pipe: 32 (1 1/4"); 9 m; Dp=1.19 kPa; Linear Dp=126 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.087 kPa



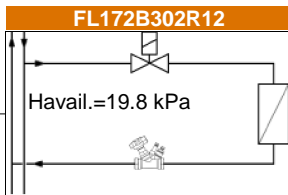
0.11 l/s; Hmin=13.5 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 9 m; Dp=0.739 kPa; Linear Dp=78.2 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.421 kPa
 BV: STAD 20; Dp=15.3 kPa; Presetting=1.32 turns
 CV: Kvs=2.6; Dp=2.32 kPa

Pipe: 25 (1"); 11 m; Dp=3.87 kPa; Linear Dp=335 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.265 kPa



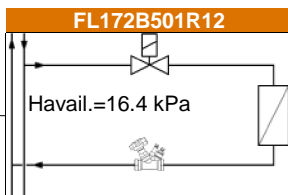
0.12 l/s; Hmin=16.3 kPa
 TU: Dp=9 kPa
 Pipe: 20 (3/4"); 9 m; Dp=0.862 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.703 kPa
 BV: STAD 20; Dp=8.58 kPa; Presetting=1.72 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 25 (1"); 9 m; Dp=1.82 kPa; Linear Dp=193 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.175 kPa



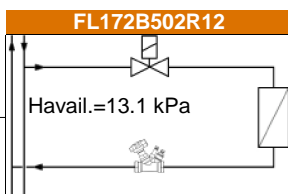
0.11 l/s; Hmin=13.5 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 9 m; Dp=0.739 kPa; Linear Dp=78.2 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.436 kPa
 BV: STAD 20; Dp=9.33 kPa; Presetting=1.59 turns
 CV: Kvs=2.6; Dp=2.32 kPa

Pipe: 20 (3/4"); 11 m; Dp=3.4 kPa; Linear Dp=294 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.218 kPa



0.12 l/s; Hmin=16.1 kPa
 TU: Dp=9 kPa
 Pipe: 20 (3/4"); 9 m; Dp=0.862 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.51 kPa
 BV: STAD 20; Dp=3.29 kPa; Presetting=2.28 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 15 (1/2"); 9 m; Dp=3.19 kPa; Linear Dp=338 Pa/m (** Generic Steel Pipes **)

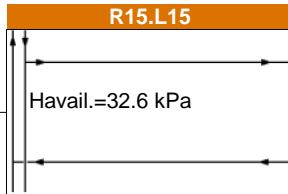


0.11 l/s; Hmin=13.1 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 9 m; Dp=0.739 kPa; Linear Dp=78.2 Pa/m (** Generic Steel Pipes **)
 Elbow 90°; Dp=0.09 kPa
 BV: STAD 20; Dp=3 kPa; Presetting=2.23 turns
 CV: Kvs=2.6; Dp=2.32 kPa

Date: 11/4/2012

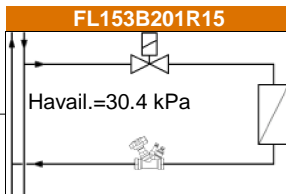
Project: MGM Vietnam

Pipe: 40 (1 1/2"); 14 m; Dp=4.64 kPa; Linear Dp=316 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.544 kPa



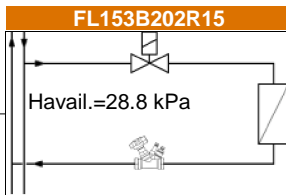
COPTY TO L16,17
 0.47 l/s; Hmin=32.6 kPa

Pipe: 25 (1"); 6 m; Dp=2.2 kPa; Linear Dp=349 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.268 kPa



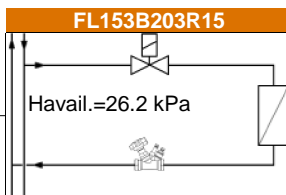
0.12 l/s; Hmin=15.3 kPa
 TU: Dp=8 kPa
 Pipe: 20 (3/4"); 9 m; Dp=0.862 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.732 kPa
 BV: STAD 20; Dp=18 kPa; Presetting=1.33 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 25 (1"); 6 m; Dp=1.28 kPa; Linear Dp=203 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.183 kPa



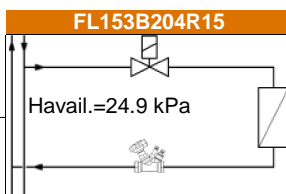
0.11 l/s; Hmin=14.5 kPa
 TU: Dp=8 kPa
 Pipe: 20 (3/4"); 9 m; Dp=0.739 kPa; Linear Dp=78.2 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.452 kPa
 BV: STAD 20; Dp=17.3 kPa; Presetting=1.25 turns
 CV: Kvs=2.6; Dp=2.32 kPa

Pipe: 20 (3/4"); 8 m; Dp=2.67 kPa; Linear Dp=318 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.241 kPa



0.12 l/s; Hmin=15.2 kPa
 TU: Dp=8 kPa
 Pipe: 20 (3/4"); 9 m; Dp=0.862 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.535 kPa
 BV: STAD 20; Dp=14 kPa; Presetting=1.47 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 15 (1/2"); 3 m; Dp=1.25 kPa; Linear Dp=396 Pa/m (** Generic Steel Pipes **)

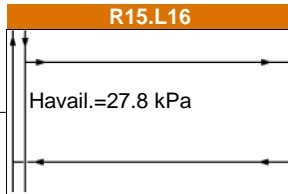


0.12 l/s; Hmin=14.7 kPa
 TU: Dp=8 kPa
 Pipe: 20 (3/4"); 9 m; Dp=0.862 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Elbow 90°; Dp=0.107 kPa
 BV: STAD 20; Dp=13.1 kPa; Presetting=1.50 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Date: 11/4/2012

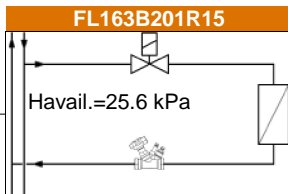
Project: MGM Vietnam

Pipe: 32 (1 1/4"); 14 m; Dp=4.66 kPa; Linear Dp=317 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.484 kPa



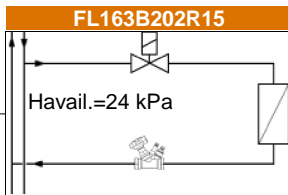
COPTY TO L16,17
 0.47 l/s; Hmin=27.8 kPa

Pipe: 25 (1"); 6 m; Dp=2.2 kPa; Linear Dp=349 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.268 kPa



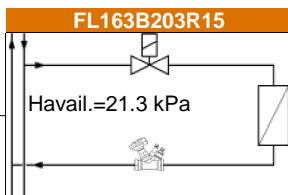
0.12 l/s; Hmin=15.3 kPa
 TU: Dp=8 kPa
 Pipe: 20 (3/4"); 9 m; Dp=0.862 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.732 kPa
 BV: STAD 20; Dp=13.2 kPa; Presetting=1.50 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 25 (1"); 6 m; Dp=1.28 kPa; Linear Dp=203 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.183 kPa



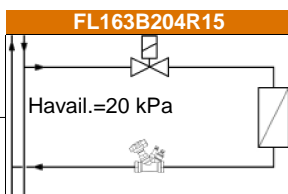
0.11 l/s; Hmin=14.5 kPa
 TU: Dp=8 kPa
 Pipe: 20 (3/4"); 9 m; Dp=0.739 kPa; Linear Dp=78.2 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.452 kPa
 BV: STAD 20; Dp=12.5 kPa; Presetting=1.43 turns
 CV: Kvs=2.6; Dp=2.32 kPa

Pipe: 20 (3/4"); 8 m; Dp=2.67 kPa; Linear Dp=318 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.241 kPa



0.12 l/s; Hmin=15.2 kPa
 TU: Dp=8 kPa
 Pipe: 20 (3/4"); 9 m; Dp=0.862 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.535 kPa
 BV: STAD 20; Dp=9.19 kPa; Presetting=1.68 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 15 (1/2"); 3 m; Dp=1.25 kPa; Linear Dp=396 Pa/m (** Generic Steel Pipes **)

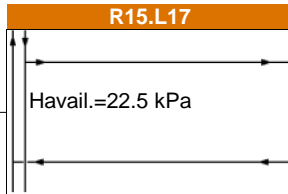


0.12 l/s; Hmin=14.7 kPa
 TU: Dp=8 kPa
 Pipe: 20 (3/4"); 9 m; Dp=0.862 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Elbow 90°; Dp=0.107 kPa
 BV: STAD 20; Dp=8.3 kPa; Presetting=1.74 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Date: 11/4/2012

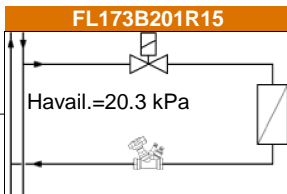
Project: MGM Vietnam

Pipe: 25 (1"); 14 m; Dp=5.13 kPa; Linear Dp=349 Pa/m (** Generic Steel Pipes **)



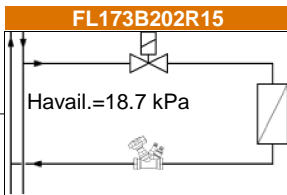
COPTY TO L16,17
0.47 l/s; Hmin=22.5 kPa

Pipe: 25 (1"); 6 m; Dp=2.2 kPa; Linear Dp=349 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.268 kPa



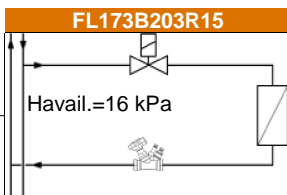
0.12 l/s; Hmin=15.3 kPa
TU: Dp=8 kPa
Pipe: 20 (3/4"); 9 m; Dp=0.862 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.732 kPa
BV: STAD 20; Dp=7.91 kPa; Presetting=1.76 turns
CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 25 (1"); 6 m; Dp=1.28 kPa; Linear Dp=203 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.183 kPa



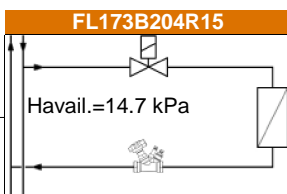
0.11 l/s; Hmin=14.5 kPa
TU: Dp=8 kPa
Pipe: 20 (3/4"); 9 m; Dp=0.739 kPa; Linear Dp=78.2 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.452 kPa
BV: STAD 20; Dp=7.2 kPa; Presetting=1.72 turns
CV: Kvs=2.6; Dp=2.32 kPa

Pipe: 20 (3/4"); 8 m; Dp=2.67 kPa; Linear Dp=318 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.241 kPa



0.12 l/s; Hmin=15.2 kPa
TU: Dp=8 kPa
Pipe: 20 (3/4"); 9 m; Dp=0.862 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.535 kPa
BV: STAD 20; Dp=3.88 kPa; Presetting=2.17 turns
CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 15 (1/2"); 3 m; Dp=1.25 kPa; Linear Dp=396 Pa/m (** Generic Steel Pipes **)

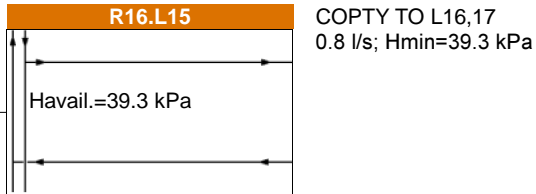


0.12 l/s; Hmin=14.7 kPa
TU: Dp=8 kPa
Pipe: 20 (3/4"); 9 m; Dp=0.862 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Elbow 90°; Dp=0.107 kPa
BV: STAD 20; Dp=3 kPa; Presetting=2.34 turns
CV: Kvs=2.6; Dp=2.76 kPa

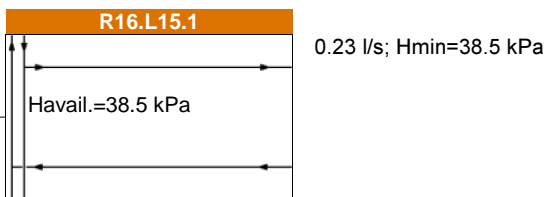
Date: 11/4/2012

Project: MGM Vietnam

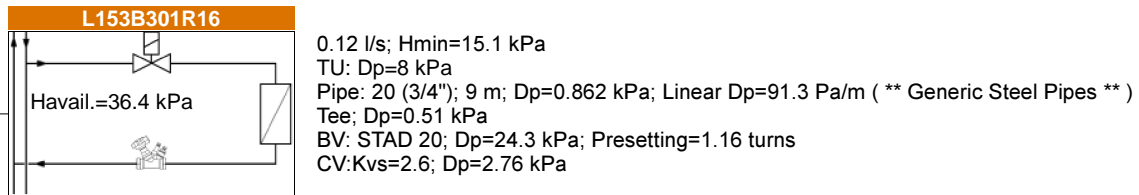
Pipe: 50 (2"); 14 m; Dp=3.84 kPa; Linear Dp=261 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.61 kPa



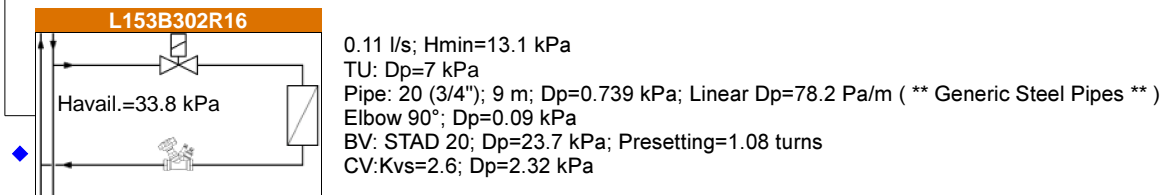
Pipe: 32 (1 1/4"); 3 m; Dp=0.741 kPa; Linear Dp=235 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.295 kPa



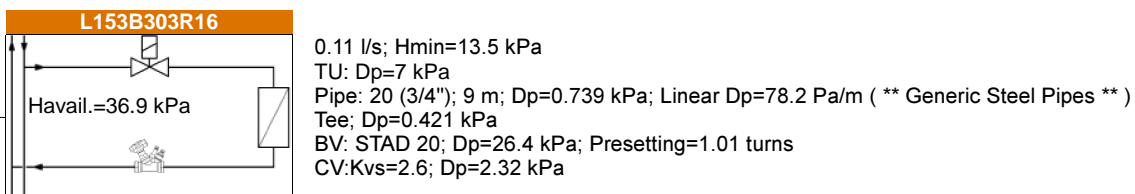
Pipe: 20 (3/4"); 7 m; Dp=2.16 kPa; Linear Dp=294 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.218 kPa



Pipe: 15 (1/2"); 7 m; Dp=2.48 kPa; Linear Dp=338 Pa/m (** Generic Steel Pipes **)



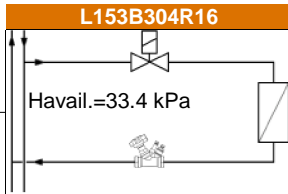
Pipe: 32 (1 1/4"); 10 m; Dp=1.33 kPa; Linear Dp=126 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.087 kPa



Date: 11/4/2012

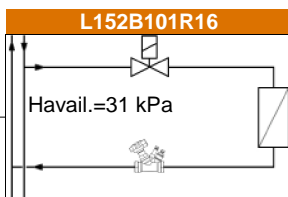
Project: MGM Vietnam

Pipe: 25 (1"); 10 m; Dp=3.52 kPa; Linear Dp=335 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.234 kPa



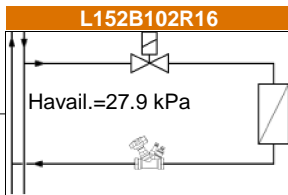
0.11 l/s; Hmin=14.8 kPa
 TU: Dp=8 kPa
 Pipe: 20 (3/4"); 9 m; Dp=0.739 kPa; Linear Dp=78.2 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.698 kPa
 BV: STAD 20; Dp=21.6 kPa; Presetting=1.13 turns
 CV: Kvs=2.6; Dp=2.32 kPa

Pipe: 25 (1"); 10 m; Dp=2.13 kPa; Linear Dp=203 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.188 kPa



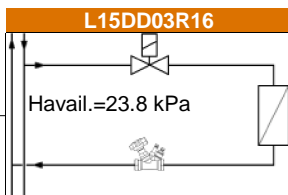
0.12 l/s; Hmin=16.1 kPa
 TU: Dp=9 kPa
 Pipe: 20 (3/4"); 9 m; Dp=0.862 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.494 kPa
 BV: STAD 20; Dp=17.9 kPa; Presetting=1.33 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 20 (3/4"); 10 m; Dp=3.09 kPa; Linear Dp=294 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.222 kPa



0.11 l/s; Hmin=13.5 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 9 m; Dp=0.739 kPa; Linear Dp=78.2 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.475 kPa
 BV: STAD 20; Dp=17.4 kPa; Presetting=1.25 turns
 CV: Kvs=2.6; Dp=2.32 kPa

Pipe: 15 (1/2"); 10 m; Dp=4.15 kPa; Linear Dp=396 Pa/m (** Generic Steel Pipes **)

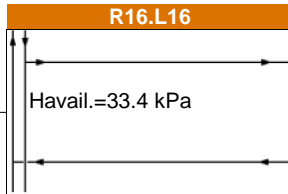


0.12 l/s; Hmin=13.7 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 9 m; Dp=0.862 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Elbow 90°; Dp=0.107 kPa
 BV: STAD 20; Dp=13 kPa; Presetting=1.50 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Date: 11/4/2012

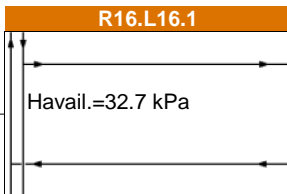
Project: MGM Vietnam

Pipe: 40 (1 1/2"); 14 m; Dp=5.88 kPa; Linear Dp=400 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.763 kPa



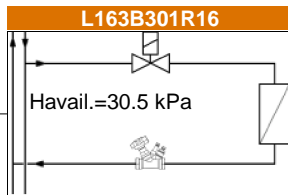
COPTY TO L16,17
 0.8 l/s; Hmin=33.4 kPa

Pipe: 32 (1 1/4"); 3 m; Dp=0.741 kPa; Linear Dp=235 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.295 kPa



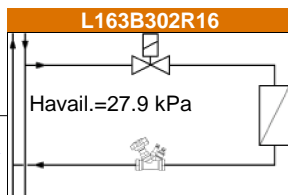
0.23 l/s; Hmin=32.7 kPa

Pipe: 20 (3/4"); 7 m; Dp=2.16 kPa; Linear Dp=294 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.218 kPa



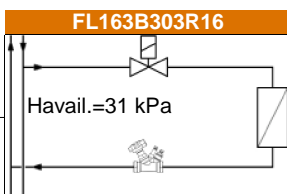
0.12 l/s; Hmin=15.1 kPa
 TU: Dp=8 kPa
 Pipe: 20 (3/4"); 9 m; Dp=0.862 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.51 kPa
 BV: STAD 20; Dp=18.4 kPa; Presetting=1.32 turns
 CV:Kvs=2.6; Dp=2.76 kPa

Pipe: 15 (1/2"); 7 m; Dp=2.48 kPa; Linear Dp=338 Pa/m (** Generic Steel Pipes **)



0.11 l/s; Hmin=13.1 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 9 m; Dp=0.739 kPa; Linear Dp=78.2 Pa/m (** Generic Steel Pipes **)
 Elbow 90°; Dp=0.09 kPa
 BV: STAD 20; Dp=17.8 kPa; Presetting=1.24 turns
 CV:Kvs=2.6; Dp=2.32 kPa

Pipe: 32 (1 1/4"); 10 m; Dp=1.33 kPa; Linear Dp=126 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.087 kPa

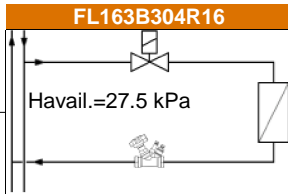


0.11 l/s; Hmin=13.5 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 9 m; Dp=0.739 kPa; Linear Dp=78.2 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.421 kPa
 BV: STAD 20; Dp=20.6 kPa; Presetting=1.16 turns
 CV:Kvs=2.6; Dp=2.32 kPa

Date: 11/4/2012

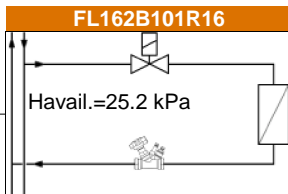
Project: MGM Vietnam

Pipe: 25 (1"); 10 m; Dp=3.52 kPa; Linear Dp=335 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.234 kPa



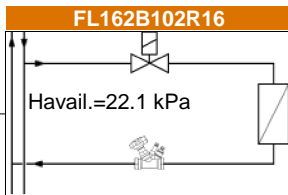
0.11 l/s; Hmin=14.8 kPa
 TU: Dp=8 kPa
 Pipe: 20 (3/4"); 9 m; Dp=0.739 kPa; Linear Dp=78.2 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.698 kPa
 BV: STAD 20; Dp=15.8 kPa; Presetting=1.31 turns
 CV: Kvs=2.6; Dp=2.32 kPa

Pipe: 25 (1"); 10 m; Dp=2.13 kPa; Linear Dp=203 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.188 kPa



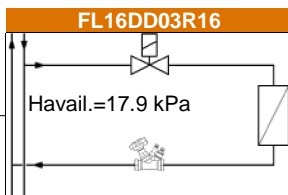
0.12 l/s; Hmin=16.1 kPa
 TU: Dp=9 kPa
 Pipe: 20 (3/4"); 9 m; Dp=0.862 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.494 kPa
 BV: STAD 20; Dp=12 kPa; Presetting=1.55 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 20 (3/4"); 10 m; Dp=3.09 kPa; Linear Dp=294 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.222 kPa



0.11 l/s; Hmin=13.5 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 9 m; Dp=0.739 kPa; Linear Dp=78.2 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.475 kPa
 BV: STAD 20; Dp=11.5 kPa; Presetting=1.48 turns
 CV: Kvs=2.6; Dp=2.32 kPa

Pipe: 15 (1/2"); 10 m; Dp=4.15 kPa; Linear Dp=396 Pa/m (** Generic Steel Pipes **)

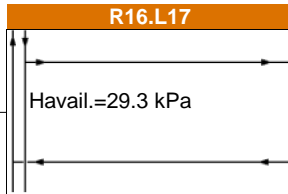


0.12 l/s; Hmin=13.7 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 9 m; Dp=0.862 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Elbow 90°; Dp=0.107 kPa
 BV: STAD 20; Dp=7.15 kPa; Presetting=1.82 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Date: 11/4/2012

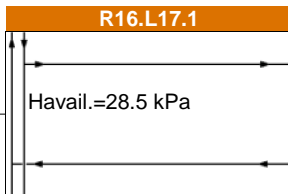
Project: MGM Vietnam

Pipe: 32 (1 1/4"); 14 m; Dp=3.46 kPa; Linear Dp=235 Pa/m (** Generic Steel Pipes **)



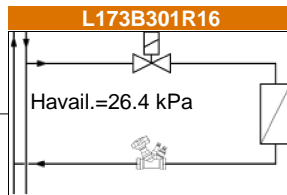
COPTY TO L16,17
0.8 l/s; Hmin=29.3 kPa

Pipe: 32 (1 1/4"); 3 m; Dp=0.741 kPa; Linear Dp=235 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.295 kPa



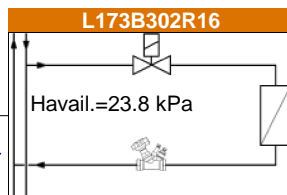
0.23 l/s; Hmin=28.5 kPa

Pipe: 20 (3/4"); 7 m; Dp=2.16 kPa; Linear Dp=294 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.218 kPa



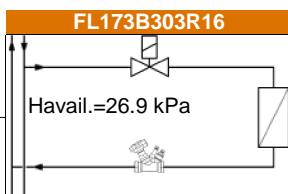
0.12 l/s; Hmin=15.1 kPa
TU: Dp=8 kPa
Pipe: 20 (3/4"); 9 m; Dp=0.862 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.51 kPa
BV: STAD 20; Dp=14.2 kPa; Presetting=1.46 turns
CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 15 (1/2"); 7 m; Dp=2.48 kPa; Linear Dp=338 Pa/m (** Generic Steel Pipes **)



0.11 l/s; Hmin=13.1 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 9 m; Dp=0.739 kPa; Linear Dp=78.2 Pa/m (** Generic Steel Pipes **)
Elbow 90°; Dp=0.09 kPa
BV: STAD 20; Dp=13.6 kPa; Presetting=1.39 turns
CV: Kvs=2.6; Dp=2.32 kPa

Pipe: 32 (1 1/4"); 10 m; Dp=1.33 kPa; Linear Dp=126 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.087 kPa

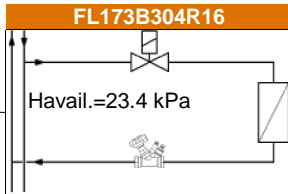


0.11 l/s; Hmin=13.5 kPa
TU: Dp=7 kPa
Pipe: 20 (3/4"); 9 m; Dp=0.739 kPa; Linear Dp=78.2 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.421 kPa
BV: STAD 20; Dp=16.4 kPa; Presetting=1.28 turns
CV: Kvs=2.6; Dp=2.32 kPa

Date: 11/4/2012

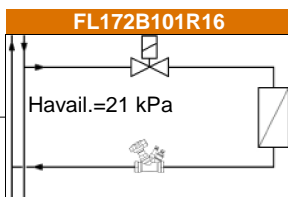
Project: MGM Vietnam

Pipe: 25 (1"); 10 m; Dp=3.52 kPa; Linear Dp=335 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.234 kPa



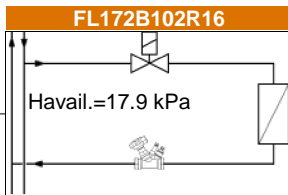
0.11 l/s; Hmin=14.8 kPa
 TU: Dp=8 kPa
 Pipe: 20 (3/4"); 9 m; Dp=0.739 kPa; Linear Dp=78.2 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.698 kPa
 BV: STAD 20; Dp=11.6 kPa; Presetting=1.47 turns
 CV: Kvs=2.6; Dp=2.32 kPa

Pipe: 25 (1"); 10 m; Dp=2.13 kPa; Linear Dp=203 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.188 kPa



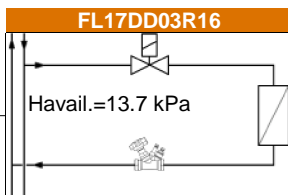
0.12 l/s; Hmin=16.1 kPa
 TU: Dp=9 kPa
 Pipe: 20 (3/4"); 9 m; Dp=0.862 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.494 kPa
 BV: STAD 20; Dp=7.89 kPa; Presetting=1.76 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 20 (3/4"); 10 m; Dp=3.09 kPa; Linear Dp=294 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.222 kPa



0.11 l/s; Hmin=13.5 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 9 m; Dp=0.739 kPa; Linear Dp=78.2 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.475 kPa
 BV: STAD 20; Dp=7.39 kPa; Presetting=1.71 turns
 CV: Kvs=2.6; Dp=2.32 kPa

Pipe: 15 (1/2"); 10 m; Dp=4.15 kPa; Linear Dp=396 Pa/m (** Generic Steel Pipes **)

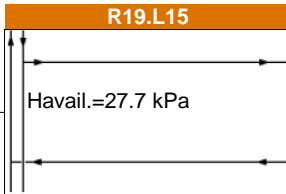


0.12 l/s; Hmin=13.7 kPa
 TU: Dp=7 kPa
 Pipe: 20 (3/4"); 9 m; Dp=0.862 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Elbow 90°; Dp=0.107 kPa
 BV: STAD 20; Dp=3 kPa; Presetting=2.34 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Date: 11/4/2012

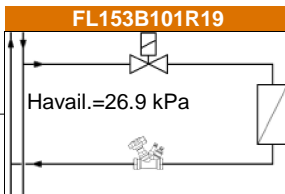
Project: MGM Vietnam

Pipe: 40 (1 1/2"); 8 m; Dp=3.2 kPa; Linear Dp=381 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.666 kPa



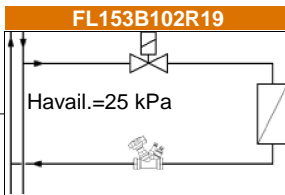
COPY TO L16,17
 0.52 l/s; Hmin=27.7 kPa

Pipe: 32 (1 1/4"); 7 m; Dp=0.786 kPa; Linear Dp=107 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.093 kPa



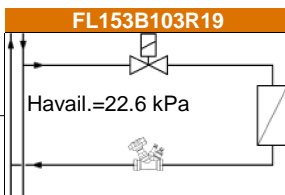
0.12 l/s; Hmin=15.1 kPa
 TU: Dp=8 kPa
 Pipe: 20 (3/4"); 9 m; Dp=0.862 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.467 kPa
 BV: STAD 20; Dp=14.8 kPa; Presetting=1.44 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 25 (1"); 7 m; Dp=1.91 kPa; Linear Dp=259 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.255 kPa



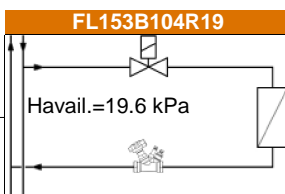
0.16 l/s; Hmin=18.2 kPa
 TU: Dp=8 kPa
 Pipe: 20 (3/4"); 9 m; Dp=1.44 kPa; Linear Dp=153 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.831 kPa
 BV: STAD 20; Dp=9.82 kPa; Presetting=1.96 turns
 CV: Kvs=2.6; Dp=4.9 kPa

Pipe: 20 (3/4"); 7 m; Dp=2.34 kPa; Linear Dp=318 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.241 kPa



0.12 l/s; Hmin=15.2 kPa
 TU: Dp=8 kPa
 Pipe: 20 (3/4"); 9 m; Dp=0.862 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.535 kPa
 BV: STAD 20; Dp=10.5 kPa; Presetting=1.62 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 15 (1/2"); 7 m; Dp=2.91 kPa; Linear Dp=396 Pa/m (** Generic Steel Pipes **)

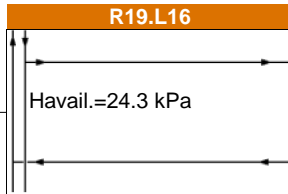


0.12 l/s; Hmin=14.7 kPa
 TU: Dp=8 kPa
 Pipe: 20 (3/4"); 9 m; Dp=0.862 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Elbow 90°; Dp=0.107 kPa
 BV: STAD 20; Dp=7.91 kPa; Presetting=1.76 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Date: 11/4/2012

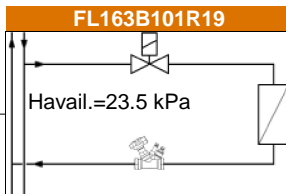
Project: MGM Vietnam

Pipe: 32 (1 1/4"); 8 m; Dp=3.21 kPa; Linear Dp=382 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.593 kPa



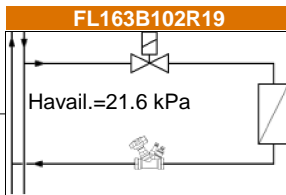
COPY TO L16,17
 0.52 l/s; Hmin=24.3 kPa

Pipe: 32 (1 1/4"); 7 m; Dp=0.786 kPa; Linear Dp=107 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.093 kPa



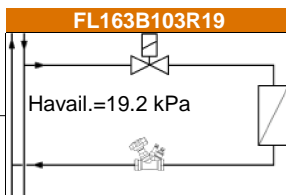
0.12 l/s; Hmin=15.1 kPa
 TU: Dp=8 kPa
 Pipe: 20 (3/4"); 9 m; Dp=0.862 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.467 kPa
 BV: STAD 20; Dp=11.4 kPa; Presetting=1.57 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 25 (1"); 7 m; Dp=1.91 kPa; Linear Dp=259 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.255 kPa



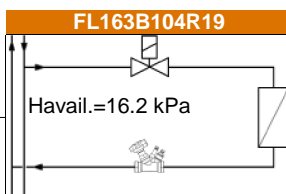
0.16 l/s; Hmin=18.2 kPa
 TU: Dp=8 kPa
 Pipe: 20 (3/4"); 9 m; Dp=1.44 kPa; Linear Dp=153 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.831 kPa
 BV: STAD 20; Dp=6.4 kPa; Presetting=2.22 turns
 CV: Kvs=2.6; Dp=4.9 kPa

Pipe: 20 (3/4"); 7 m; Dp=2.34 kPa; Linear Dp=318 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.241 kPa



0.12 l/s; Hmin=15.2 kPa
 TU: Dp=8 kPa
 Pipe: 20 (3/4"); 9 m; Dp=0.862 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.535 kPa
 BV: STAD 20; Dp=7.04 kPa; Presetting=1.83 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 15 (1/2"); 7 m; Dp=2.91 kPa; Linear Dp=396 Pa/m (** Generic Steel Pipes **)

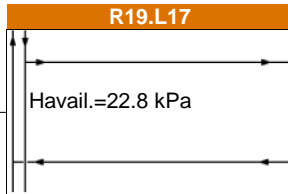


0.12 l/s; Hmin=14.7 kPa
 TU: Dp=8 kPa
 Pipe: 20 (3/4"); 9 m; Dp=0.862 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Elbow 90°; Dp=0.107 kPa
 BV: STAD 20; Dp=4.49 kPa; Presetting=2.08 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Date: 11/4/2012

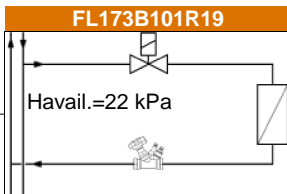
Project: MGM Vietnam

Pipe: 32 (1 1/4"); 8 m; Dp=0.898 kPa; Linear Dp=107 Pa/m (** Generic Steel Pipes **)



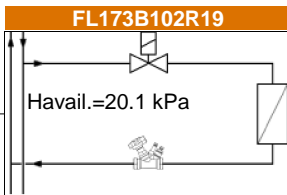
COPY TO L16,17
0.52 l/s; Hmin=22.8 kPa

Pipe: 32 (1 1/4"); 7 m; Dp=0.786 kPa; Linear Dp=107 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.093 kPa



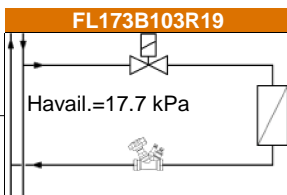
0.12 l/s; Hmin=15.1 kPa
TU: Dp=8 kPa
Pipe: 20 (3/4"); 9 m; Dp=0.862 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.467 kPa
BV: STAD 20; Dp=9.9 kPa; Presetting=1.65 turns
CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 25 (1"); 7 m; Dp=1.91 kPa; Linear Dp=259 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.255 kPa



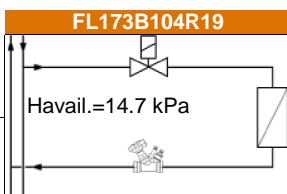
0.16 l/s; Hmin=18.2 kPa
TU: Dp=8 kPa
Pipe: 20 (3/4"); 9 m; Dp=1.44 kPa; Linear Dp=153 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.831 kPa
BV: STAD 20; Dp=4.91 kPa; Presetting=2.40 turns
CV: Kvs=2.6; Dp=4.9 kPa

Pipe: 20 (3/4"); 7 m; Dp=2.34 kPa; Linear Dp=318 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.241 kPa



0.12 l/s; Hmin=15.2 kPa
TU: Dp=8 kPa
Pipe: 20 (3/4"); 9 m; Dp=0.862 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.535 kPa
BV: STAD 20; Dp=5.55 kPa; Presetting=1.96 turns
CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 15 (1/2"); 7 m; Dp=2.91 kPa; Linear Dp=396 Pa/m (** Generic Steel Pipes **)

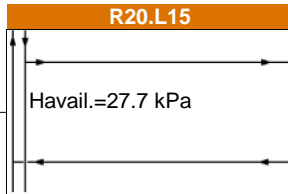


0.12 l/s; Hmin=14.7 kPa
TU: Dp=8 kPa
Pipe: 20 (3/4"); 9 m; Dp=0.862 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Elbow 90°; Dp=0.107 kPa
BV: STAD 20; Dp=3 kPa; Presetting=2.34 turns
CV: Kvs=2.6; Dp=2.76 kPa

Date: 11/4/2012

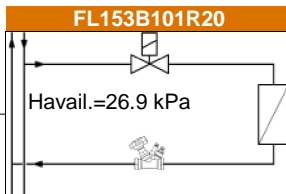
Project: MGM Vietnam

Pipe: 40 (1 1/2"); 8 m; Dp=3.2 kPa; Linear Dp=381 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.666 kPa



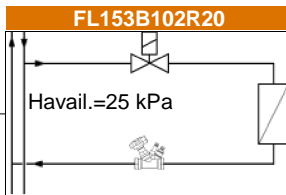
COPY TO L16,17
 0.52 l/s; Hmin=27.7 kPa

Pipe: 32 (1 1/4"); 7 m; Dp=0.786 kPa; Linear Dp=107 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.093 kPa



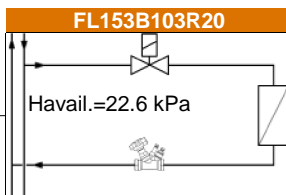
0.12 l/s; Hmin=15.1 kPa
 TU: Dp=8 kPa
 Pipe: 20 (3/4"); 9 m; Dp=0.862 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.467 kPa
 BV: STAD 20; Dp=14.8 kPa; Presetting=1.44 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 25 (1"); 7 m; Dp=1.91 kPa; Linear Dp=259 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.255 kPa



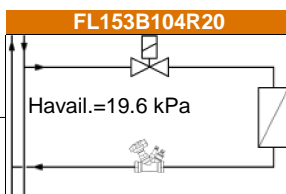
0.16 l/s; Hmin=18.2 kPa
 TU: Dp=8 kPa
 Pipe: 20 (3/4"); 9 m; Dp=1.44 kPa; Linear Dp=153 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.831 kPa
 BV: STAD 20; Dp=9.82 kPa; Presetting=1.96 turns
 CV: Kvs=2.6; Dp=4.9 kPa

Pipe: 20 (3/4"); 7 m; Dp=2.34 kPa; Linear Dp=318 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.241 kPa



0.12 l/s; Hmin=15.2 kPa
 TU: Dp=8 kPa
 Pipe: 20 (3/4"); 9 m; Dp=0.862 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.535 kPa
 BV: STAD 20; Dp=10.5 kPa; Presetting=1.62 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 15 (1/2"); 7 m; Dp=2.91 kPa; Linear Dp=396 Pa/m (** Generic Steel Pipes **)

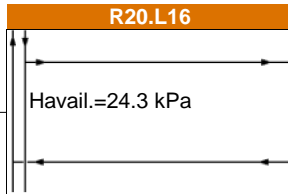


0.12 l/s; Hmin=14.7 kPa
 TU: Dp=8 kPa
 Pipe: 20 (3/4"); 9 m; Dp=0.862 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Elbow 90°; Dp=0.107 kPa
 BV: STAD 20; Dp=7.91 kPa; Presetting=1.76 turns
 CV: Kvs=2.6; Dp=2.76 kPa

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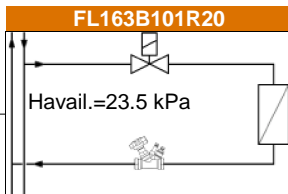
Pipe: 32 (1 1/4"); 8 m; Dp=3.21 kPa; Linear Dp=382 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.593 kPa



COPY TO L16,17
 0.52 l/s; Hmin=24.3 kPa

Havail.=24.3 kPa

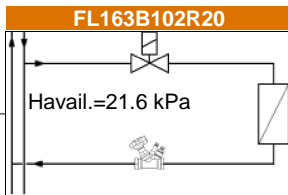
Pipe: 32 (1 1/4"); 7 m; Dp=0.786 kPa; Linear Dp=107 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.093 kPa



0.12 l/s; Hmin=15.1 kPa
 TU: Dp=8 kPa
 Pipe: 20 (3/4"); 9 m; Dp=0.862 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.467 kPa
 BV: STAD 20; Dp=11.4 kPa; Presetting=1.57 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Havail.=23.5 kPa

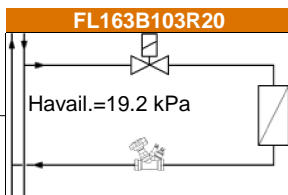
Pipe: 25 (1"); 7 m; Dp=1.91 kPa; Linear Dp=259 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.255 kPa



0.16 l/s; Hmin=18.2 kPa
 TU: Dp=8 kPa
 Pipe: 20 (3/4"); 9 m; Dp=1.44 kPa; Linear Dp=153 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.831 kPa
 BV: STAD 20; Dp=6.4 kPa; Presetting=2.22 turns
 CV: Kvs=2.6; Dp=4.9 kPa

Havail.=21.6 kPa

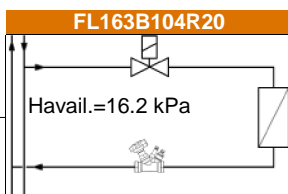
Pipe: 20 (3/4"); 7 m; Dp=2.34 kPa; Linear Dp=318 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.241 kPa



0.12 l/s; Hmin=15.2 kPa
 TU: Dp=8 kPa
 Pipe: 20 (3/4"); 9 m; Dp=0.862 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.535 kPa
 BV: STAD 20; Dp=7.04 kPa; Presetting=1.83 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Havail.=19.2 kPa

Pipe: 15 (1/2"); 7 m; Dp=2.91 kPa; Linear Dp=396 Pa/m (** Generic Steel Pipes **)



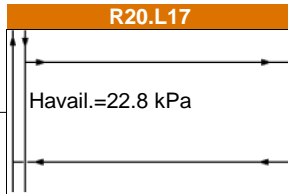
0.12 l/s; Hmin=14.7 kPa
 TU: Dp=8 kPa
 Pipe: 20 (3/4"); 9 m; Dp=0.862 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
 Elbow 90°; Dp=0.107 kPa
 BV: STAD 20; Dp=4.49 kPa; Presetting=2.08 turns
 CV: Kvs=2.6; Dp=2.76 kPa

Havail.=16.2 kPa

Date: 11/4/2012

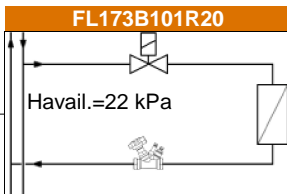
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Pipe: 32 (1 1/4"); 8 m; Dp=0.898 kPa; Linear Dp=107 Pa/m (** Generic Steel Pipes **)



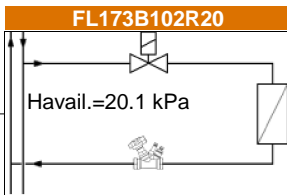
COPY TO L16,17
0.52 l/s; Hmin=22.8 kPa

Pipe: 32 (1 1/4"); 7 m; Dp=0.786 kPa; Linear Dp=107 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.093 kPa



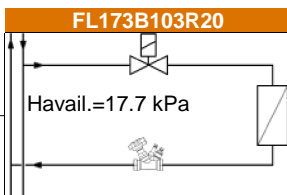
0.12 l/s; Hmin=15.1 kPa
TU: Dp=8 kPa
Pipe: 20 (3/4"); 9 m; Dp=0.862 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.467 kPa
BV: STAD 20; Dp=9.9 kPa; Presetting=1.65 turns
CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 25 (1"); 7 m; Dp=1.91 kPa; Linear Dp=259 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.255 kPa



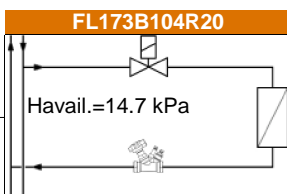
0.16 l/s; Hmin=18.2 kPa
TU: Dp=8 kPa
Pipe: 20 (3/4"); 9 m; Dp=1.44 kPa; Linear Dp=153 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.831 kPa
BV: STAD 20; Dp=4.91 kPa; Presetting=2.40 turns
CV: Kvs=2.6; Dp=4.9 kPa

Pipe: 20 (3/4"); 7 m; Dp=2.34 kPa; Linear Dp=318 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.241 kPa



0.12 l/s; Hmin=15.2 kPa
TU: Dp=8 kPa
Pipe: 20 (3/4"); 9 m; Dp=0.862 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Tee; Dp=0.535 kPa
BV: STAD 20; Dp=5.55 kPa; Presetting=1.96 turns
CV: Kvs=2.6; Dp=2.76 kPa

Pipe: 15 (1/2"); 7 m; Dp=2.91 kPa; Linear Dp=396 Pa/m (** Generic Steel Pipes **)

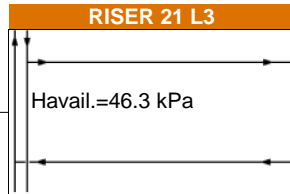


0.12 l/s; Hmin=14.7 kPa
TU: Dp=8 kPa
Pipe: 20 (3/4"); 9 m; Dp=0.862 kPa; Linear Dp=91.3 Pa/m (** Generic Steel Pipes **)
Elbow 90°; Dp=0.107 kPa
BV: STAD 20; Dp=3 kPa; Presetting=2.34 turns
CV: Kvs=2.6; Dp=2.76 kPa

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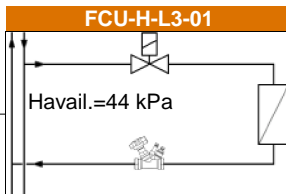
Pipe: 50 (2"); 12 m; Dp=3.93 kPa; Linear Dp=312 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.208 kPa



0.22 l/s; Hmin=46.3 kPa

Havail.=46.3 kPa

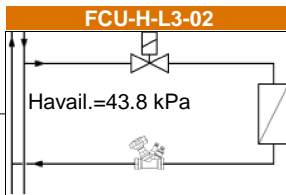
Pipe: 20 (3/4"); 8 m; Dp=2.28 kPa; Linear Dp=271 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.117 kPa



0.16 l/s; Hmin=18 kPa
 TU: Dp=9 kPa

Pipe: 20 (3/4"); 2 m; Dp=0.321 kPa; Linear Dp=153 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.801 kPa
 BV: STAD 20; Dp=29 kPa; Presetting=1.38 turns
 CV: Kvs=2.6; Dp=4.9 kPa

Pipe: 20 (3/4"); 5 m; Dp=0.142 kPa; Linear Dp=27 Pa/m (** Generic Steel Pipes **)



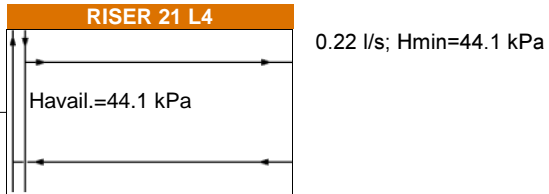
0.06 l/s; Hmin=10.5 kPa
 TU: Dp=6 kPa

Pipe: 15 (1/2"); 6 m; Dp=0.721 kPa; Linear Dp=114 Pa/m (** Generic Steel Pipes **)
 Elbow 90°; Dp=0.089 kPa
 BV: STAD 15/14; Dp=36.3 kPa; Presetting=1.60 turns
 CV: Kvs=2.6; Dp=0.689 kPa

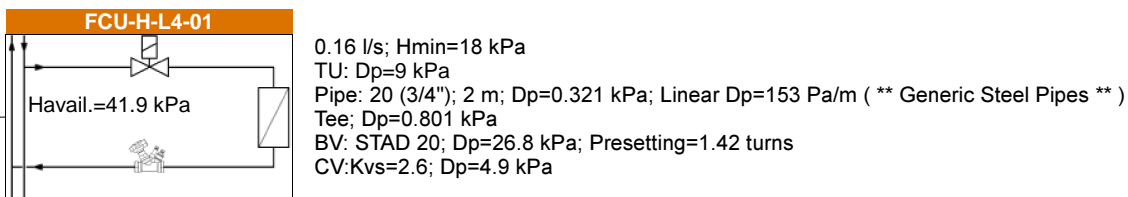
Date: 11/4/2012

Project: MGM Vietnam

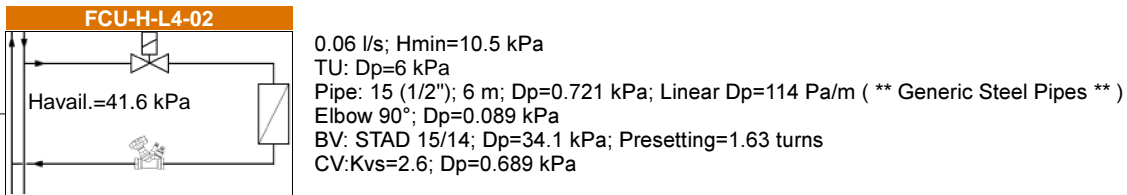
Pipe: 50 (2"); 7 m; Dp=1.95 kPa; Linear Dp=265 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.188 kPa



Pipe: 20 (3/4"); 8 m; Dp=2.28 kPa; Linear Dp=271 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.117 kPa



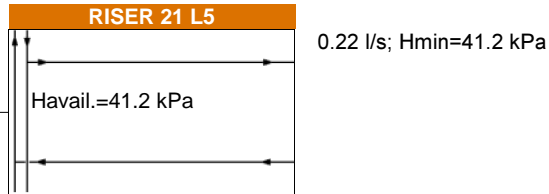
Pipe: 20 (3/4"); 6 m; Dp=0.17 kPa; Linear Dp=27 Pa/m (** Generic Steel Pipes **)



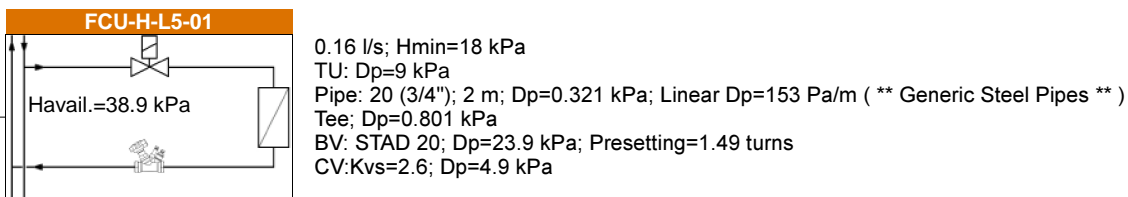
Date: 11/4/2012

Project: MGM Vietnam

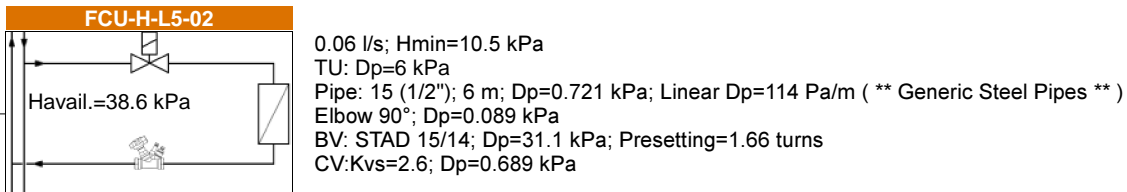
Pipe: 50 (2"); 12 m; Dp=2.79 kPa; Linear Dp=222 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.169 kPa



Pipe: 20 (3/4"); 8 m; Dp=2.28 kPa; Linear Dp=271 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.117 kPa



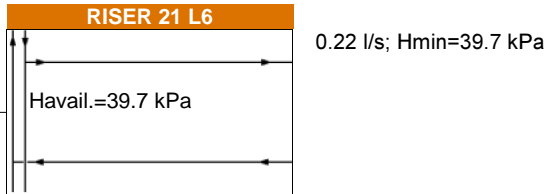
Pipe: 20 (3/4"); 5 m; Dp=0.142 kPa; Linear Dp=27 Pa/m (** Generic Steel Pipes **)



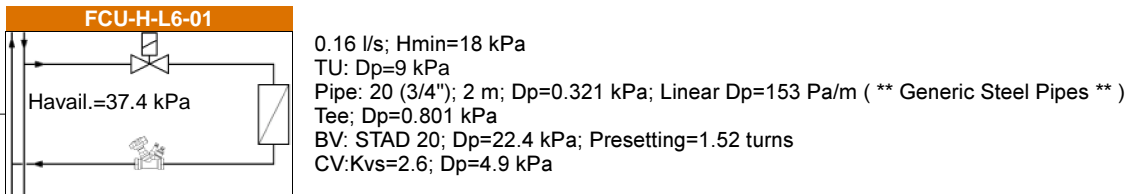
Date: 11/4/2012

Project: MGM Vietnam

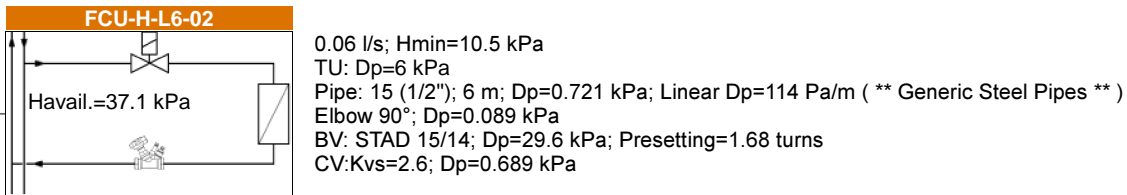
Pipe: 50 (2"); 7 m; Dp=1.34 kPa; Linear Dp=182 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.148 kPa



Pipe: 20 (3/4"); 8 m; Dp=2.28 kPa; Linear Dp=271 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.117 kPa



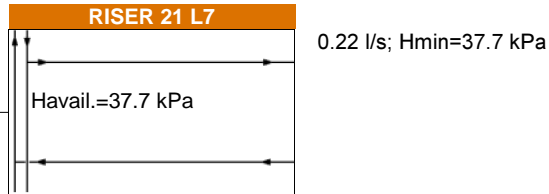
Pipe: 20 (3/4"); 6 m; Dp=0.17 kPa; Linear Dp=27 Pa/m (** Generic Steel Pipes **)



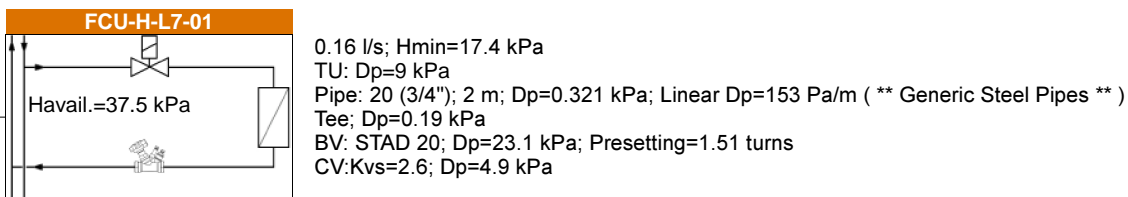
Date: 11/4/2012

Project: MGM Vietnam

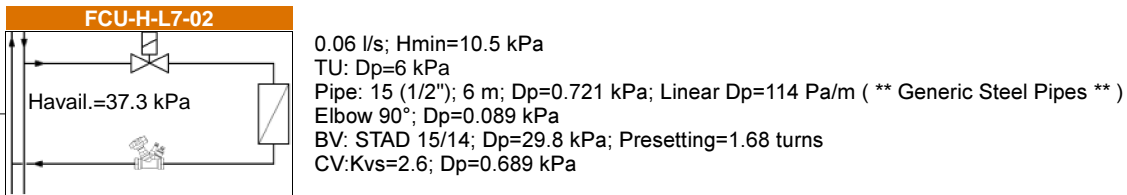
Pipe: 50 (2"); 12 m; Dp=1.85 kPa; Linear Dp=147 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.127 kPa



Pipe: 32 (1 1/4"); 8 m; Dp=0.192 kPa; Linear Dp=22.9 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.015 kPa



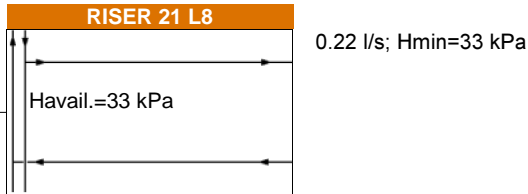
Pipe: 20 (3/4"); 5 m; Dp=0.142 kPa; Linear Dp=27 Pa/m (** Generic Steel Pipes **)



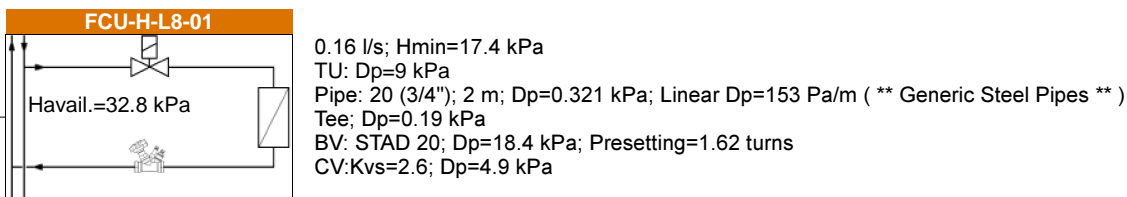
Date: 11/4/2012

Project: MGM Vietnam

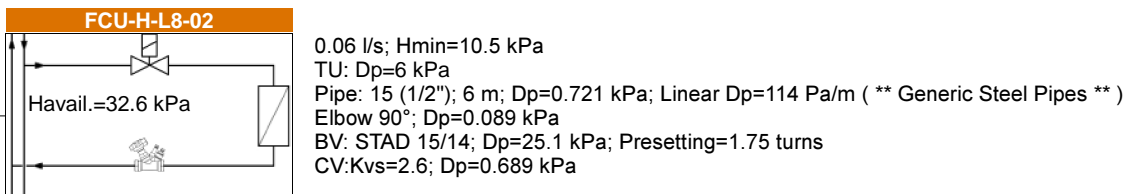
Pipe: 40 (1 1/2"); 12 m; Dp=4.69 kPa; Linear Dp=372 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.272 kPa



Pipe: 32 (1 1/4"); 8 m; Dp=0.192 kPa; Linear Dp=22.9 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.015 kPa



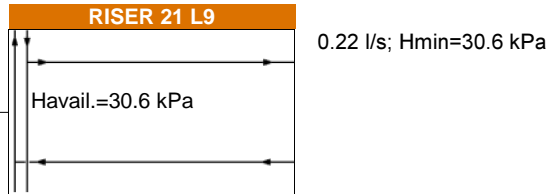
Pipe: 20 (3/4"); 5 m; Dp=0.142 kPa; Linear Dp=27 Pa/m (** Generic Steel Pipes **)



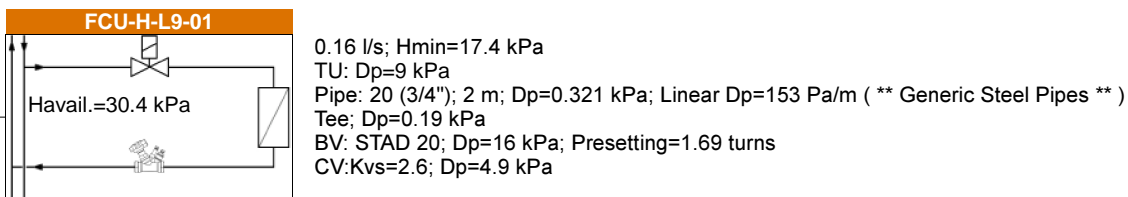
Date: 11/4/2012

Project: MGM Vietnam

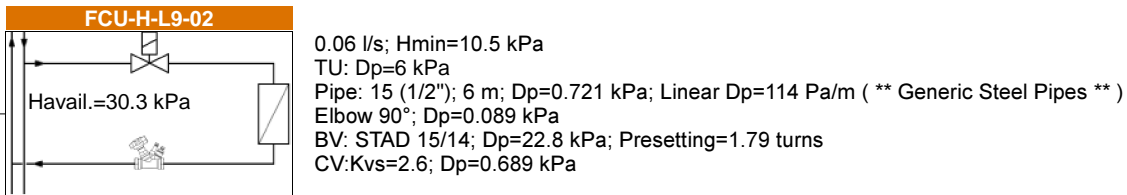
Pipe: 40 (1 1/2"); 7 m; Dp=2.05 kPa; Linear Dp=279 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.222 kPa



Pipe: 32 (1 1/4"); 8 m; Dp=0.192 kPa; Linear Dp=22.9 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.015 kPa



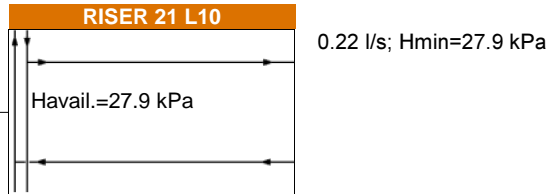
Pipe: 20 (3/4"); 6 m; Dp=0.17 kPa; Linear Dp=27 Pa/m (** Generic Steel Pipes **)



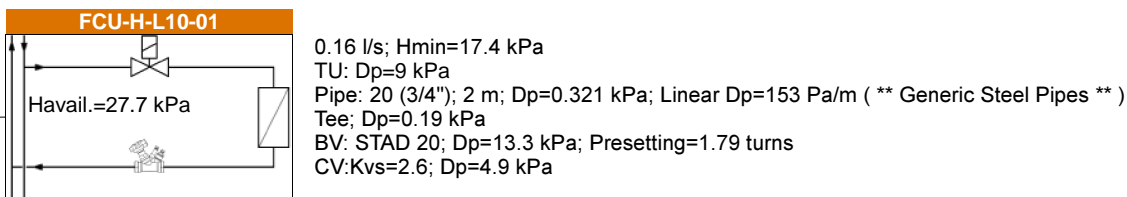
Date: 11/4/2012

Project: MGM Vietnam

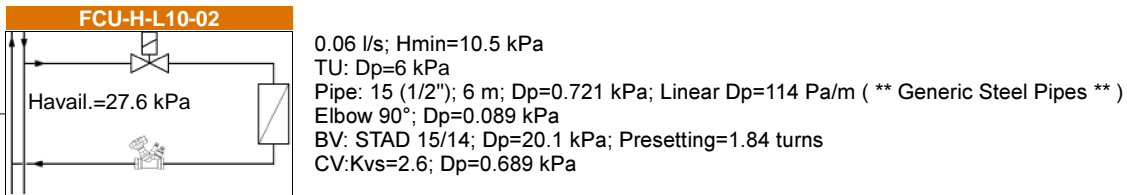
Pipe: 40 (1 1/2"); 12 m; Dp=2.51 kPa; Linear Dp=199 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.185 kPa



Pipe: 32 (1 1/4"); 8 m; Dp=0.192 kPa; Linear Dp=22.9 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.015 kPa



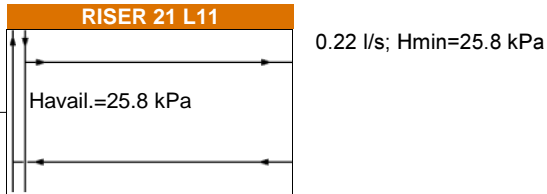
Pipe: 20 (3/4"); 5 m; Dp=0.142 kPa; Linear Dp=27 Pa/m (** Generic Steel Pipes **)



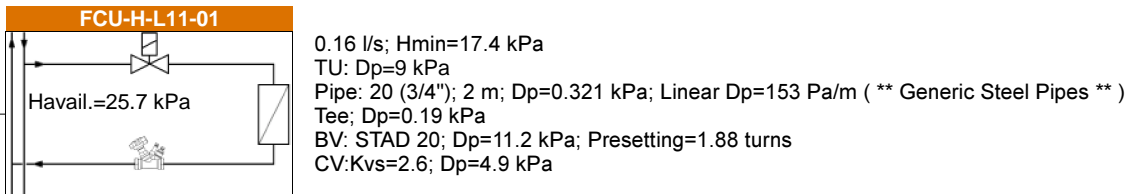
Date: 11/4/2012

Project: MGM Vietnam

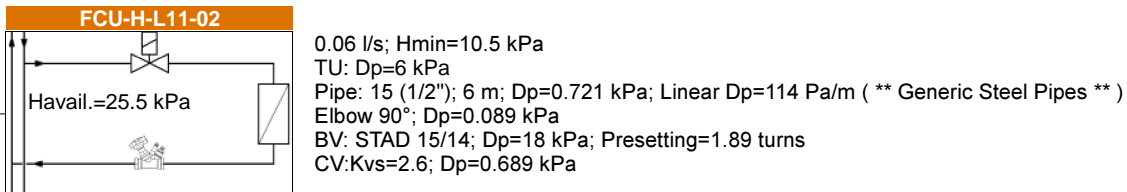
Pipe: 32 (1 1/4"); 7 m; Dp=2.06 kPa; Linear Dp=280 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.301 kPa



Pipe: 32 (1 1/4"); 8 m; Dp=0.192 kPa; Linear Dp=22.9 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.015 kPa



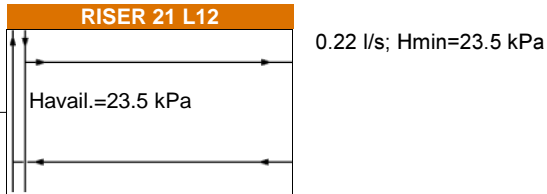
Pipe: 20 (3/4"); 6 m; Dp=0.17 kPa; Linear Dp=27 Pa/m (** Generic Steel Pipes **)



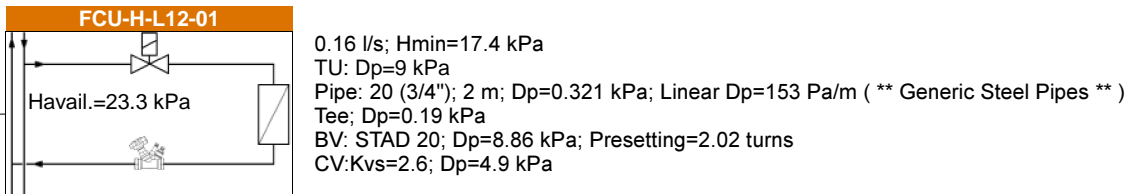
Date: 11/4/2012

Project: MGM Vietnam

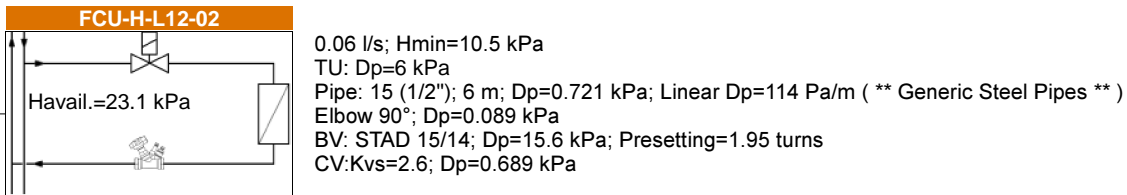
Pipe: 32 (1 1/4"); 12 m; Dp=2.08 kPa; Linear Dp=165 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.219 kPa



Pipe: 32 (1 1/4"); 8 m; Dp=0.192 kPa; Linear Dp=22.9 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.015 kPa



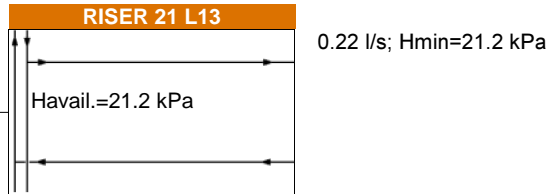
Pipe: 20 (3/4"); 5 m; Dp=0.142 kPa; Linear Dp=27 Pa/m (** Generic Steel Pipes **)



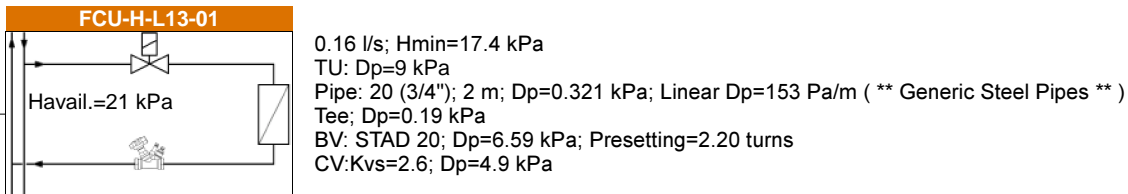
Date: 11/4/2012

Project: MGM Vietnam

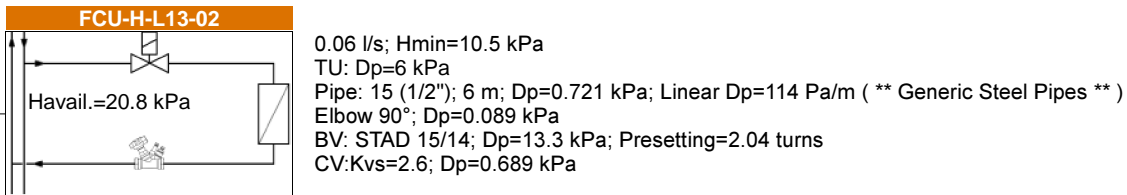
Pipe: 25 (1"); 7 m; Dp=2.27 kPa; Linear Dp=309 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.322 kPa



Pipe: 32 (1 1/4"); 8 m; Dp=0.192 kPa; Linear Dp=22.9 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.015 kPa



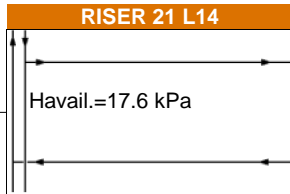
Pipe: 20 (3/4"); 6 m; Dp=0.17 kPa; Linear Dp=27 Pa/m (** Generic Steel Pipes **)



Date: 11/4/2012

Project: MGM Vietnam

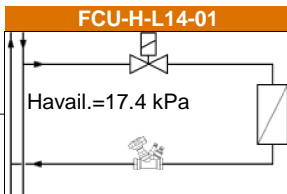
Pipe: 20 (3/4"); 12 m; Dp=3.42 kPa; Linear Dp=271 Pa/m (** Generic Steel Pipes **)



0.22 l/s; Hmin=17.6 kPa

Havail.=17.6 kPa

Pipe: 32 (1 1/4"); 8 m; Dp=0.192 kPa; Linear Dp=22.9 Pa/m (** Generic Steel Pipes **)
 Tee; Dp=0.015 kPa



0.16 l/s; Hmin=17.4 kPa

TU: Dp=9 kPa

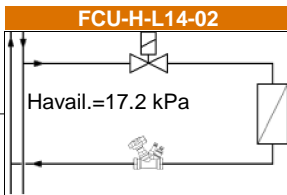
Pipe: 20 (3/4"); 2 m; Dp=0.321 kPa; Linear Dp=153 Pa/m (** Generic Steel Pipes **)

Tee; Dp=0.19 kPa

BV: STAD 20; Dp=3 kPa; Presetting=2.75 turns

CV:Kvs=2.6; Dp=4.9 kPa

Pipe: 20 (3/4"); 5 m; Dp=0.142 kPa; Linear Dp=27 Pa/m (** Generic Steel Pipes **)



0.06 l/s; Hmin=10.5 kPa

TU: Dp=6 kPa

Pipe: 15 (1/2"); 6 m; Dp=0.721 kPa; Linear Dp=114 Pa/m (** Generic Steel Pipes **)

Elbow 90°; Dp=0.089 kPa

BV: STAD 15/14; Dp=9.75 kPa; Presetting=2.22 turns

CV:Kvs=2.6; Dp=0.689 kPa

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Selected balancing valves

#1	Product	Technical Info	Article N°	Pipe	Qty
Balancing Valves (from hydraulic circuit calculation)					
FCU-H-L19-05	STAD 25	0.35 l/s	52151-025	** Generic Steel Pipes **	1
	Thread	28.3 kPa		25 (1")	
	Without drain	1.60 turns		0.602 m/s	
	PN 20			203 Pa/m	
FCU-H-L1-29	STAD 20	0.16 l/s	52151-020	** Generic Steel Pipes **	1
	Thread	102 kPa		20 (3/4")	
	Without drain	0.58 turns		0.437 m/s	
	PN 20			153 Pa/m	
FCU-H-L1-54	STAD 20	0.09 l/s	52151-020	** Generic Steel Pipes **	1
	Thread	16.8 kPa		20 (3/4")	
	Without drain	1.04 turns		0.246 m/s	
	PN 20			54.9 Pa/m	
FCU-H-L1-28	STAD 20	0.16 l/s	52151-020	** Generic Steel Pipes **	1
	Thread	99.4 kPa		20 (3/4")	
	Without drain	0.59 turns		0.437 m/s	
	PN 20			153 Pa/m	
FCU-H-L1-40	STAD 20	0.25 l/s	52151-020	** Generic Steel Pipes **	1
	Thread	34.5 kPa		20 (3/4")	
	Without drain	1.76 turns		0.682 m/s	
	PN 20			343 Pa/m	
FCU-H-L19-03	STAD 20	0.16 l/s	52151-020	** Generic Steel Pipes **	1
	Thread	56.8 kPa		20 (3/4")	
	Without drain	1.00 turns		0.437 m/s	
	PN 20			153 Pa/m	
FCU-H-L1-53	STAD 20	0.25 l/s	52151-020	** Generic Steel Pipes **	1
	Thread	5.82 kPa		20 (3/4")	
	Without drain	2.93 turns		0.682 m/s	
	PN 20			343 Pa/m	
FCU-H-L1-25	STAD 15/14	0.02 l/s	52151-014	** Generic Steel Pipes **	1
	Thread	115 kPa		20 (3/4")	
	Without drain	0.19 turns		0.055 m/s	
	PN 20			3.75 Pa/m	
FCU-H-RF-02	STAD 25	0.35 l/s	52151-025	** Generic Steel Pipes **	1
	Thread	36.4 kPa		25 (1")	
	Without drain	1.49 turns		0.602 m/s	
	PN 20			203 Pa/m	
FCU-H-L1-52	STAD 20	0.25 l/s	52151-020	** Generic Steel Pipes **	1
	Thread	3 kPa		20 (3/4")	

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#1	Product	Technical Info	Article N°	Pipe	Qty
	Without drain PN 20	3.74 turns		0.682 m/s 343 Pa/m	
FHL1915B01	STAD 20 Thread Without drain PN 20	0.24 l/s 47.5 kPa 1.55 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.655 m/s 318 Pa/m	1
FCU-H-L1-30	STAD 25 Thread Without drain PN 20	0.52 l/s 9.72 kPa 2.71 turns	52151-025	** Generic Steel Pipes ** 25 (1") 0.895 m/s 421 Pa/m	1
FCU-H-L1-31	STAD 25 Thread Without drain PN 20	0.52 l/s 15.2 kPa 2.35 turns	52151-025	** Generic Steel Pipes ** 25 (1") 0.895 m/s 421 Pa/m	1
FCU-H-L1-32	STAD 25 Thread Without drain PN 20	0.52 l/s 14.1 kPa 2.40 turns	52151-025	** Generic Steel Pipes ** 25 (1") 0.895 m/s 421 Pa/m	1
FCU-H-L1-24	STAD 32 Thread Without drain PN 20	0.64 l/s 64.3 kPa 1.41 turns	52151-032	** Generic Steel Pipes ** 32 (1 1/4") 0.632 m/s 156 Pa/m	1
FCU-H-L1-33	STAD 25 Thread Without drain PN 20	0.52 l/s 11 kPa 2.60 turns	52151-025	** Generic Steel Pipes ** 25 (1") 0.895 m/s 421 Pa/m	1
FCU-H-L1-21	STAD 20 Thread Without drain PN 20	0.24 l/s 88.9 kPa 1.21 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.655 m/s 318 Pa/m	1
FCU-H-L1-16	STAD 25 Thread Without drain PN 20	0.38 l/s 96.2 kPa 1.20 turns	52151-025	** Generic Steel Pipes ** 25 (1") 0.654 m/s 236 Pa/m	1
FCU-H-L1-35	STAD 25 Thread Without drain PN 20	0.52 l/s 4.63 kPa 4.00* turns	52151-025	** Generic Steel Pipes ** 25 (1") 0.895 m/s 421 Pa/m	1
FH-L19-6B01	STAD 20 Thread	0.16 l/s 39.8 kPa	52151-020	** Generic Steel Pipes ** 20 (3/4")	1

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#1	Product	Technical Info	Article N°	Pipe	Qty
	Without drain PN 20	1.21 turns		0.437 m/s 153 Pa/m	
FCU-H-L1-44	STAD 20 Thread Without drain PN 20	0.37 l/s 12.8 kPa 2.92 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 1.01 m/s 706 Pa/m	1
FCU-H-L1-39	STAD 25 Thread Without drain PN 20	0.37 l/s 31.7 kPa 1.60 turns	52151-025	** Generic Steel Pipes ** 25 (1") 0.637 m/s 225 Pa/m	1
FCU-H-L1-15	STAD 25 Thread Without drain PN 20	0.38 l/s 94 kPa 1.21 turns	52151-025	** Generic Steel Pipes ** 25 (1") 0.654 m/s 236 Pa/m	1
FCU-H-RF-01	STAD 25 Thread Without drain PN 20	0.35 l/s 17.8 kPa 1.80 turns	52151-025	** Generic Steel Pipes ** 25 (1") 0.602 m/s 203 Pa/m	1
FCU-H-L1-10	STAD 20 Thread Without drain PN 20	0.09 l/s 86.1 kPa 0.28 turns	52151-020	** Generic Steel Pipes ** 25 (1") 0.155 m/s 18.1 Pa/m	1
FCU-H-L1-51	STAD 25 Thread Without drain PN 20	0.45 l/s 4.42 kPa 3.34 turns	52151-025	** Generic Steel Pipes ** 25 (1") 0.774 m/s 322 Pa/m	1
FCU-H-L1-13	STAD 20 Thread Without drain PN 20	0.32 l/s 72.3 kPa 1.63 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.873 m/s 539 Pa/m	1
FCU-H-L1-46	STAD 20 Thread Without drain PN 20	0.26 l/s 78.3 kPa 1.37 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.71 m/s 368 Pa/m	1
FCU-H-L1-01	STAD 25 Thread Without drain PN 20	0.53 l/s 45.5 kPa 1.75 turns	52151-025	** Generic Steel Pipes ** 25 (1") 0.912 m/s 436 Pa/m	1
PAU-L1-01	STAF 80 Flange	7 l/s 4.4 kPa	52181-080	** Generic Steel Pipes ** 80 (3")	1

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#1	Product	Technical Info	Article N°	Pipe	Qty
	Standard PN 16	8.00* turns		1.37 m/s 237 Pa/m	
FCU-H-L2-29	STAD 20 Thread Without drain PN 20	0.19 l/s 23.2 kPa 1.68 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.519 m/s 208 Pa/m	1
KN-04B-R5-L3	STAD 20 Thread Without drain PN 20	0.12 l/s 46.4 kPa 0.72 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-04-R19-L3	STAD 20 Thread Without drain PN 20	0.12 l/s 43.3 kPa 0.78 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-03-R14-L3	STAD 20 Thread Without drain PN 20	0.12 l/s 29.3 kPa 1.05 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
FHL186B07A	STAD 20 Thread Without drain PN 20	0.12 l/s 9.27 kPa 1.68 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
FCU-H-L1-48	STAD 25 Thread Without drain PN 20	0.45 l/s 13.8 kPa 2.22 turns	52151-025	** Generic Steel Pipes ** 25 (1") 0.774 m/s 322 Pa/m	1
KN-03-R7-L3	STAD 20 Thread Without drain PN 20	0.12 l/s 28.4 kPa 1.07 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-01-R8-L3	STAD 20 Thread Without drain PN 20	0.12 l/s 29.3 kPa 1.05 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-01-R13-L3	STAD 20 Thread Without drain PN 20	0.12 l/s 29.3 kPa 1.05 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
PAU-H-L2-01	STAF 80 Flange	4.78 l/s 3 kPa	52181-080	** Generic Steel Pipes ** 80 (3")	1

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#1	Product	Technical Info	Article N°	Pipe	Qty
	Standard PN 16	6.82 turns		0.932 m/s 116 Pa/m	
FCU-H-L1-27	STAD 20 Thread Without drain PN 20	0.28 l/s 95.5 kPa 1.34 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.764 m/s 422 Pa/m	1
KN-01-R17-L3	STAD 20 Thread Without drain PN 20	0.12 l/s 29.3 kPa 1.05 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
FCU-H-L1-47	STAD 20 Thread Without drain PN 20	0.24 l/s 89 kPa 1.21 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.655 m/s 318 Pa/m	1
KN-04-R20-L3	STAD 20 Thread Without drain PN 20	0.12 l/s 42.7 kPa 0.79 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
FCU-H-L1-26	STAD 20 Thread Without drain PN 20	0.28 l/s 90.1 kPa 1.37 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.764 m/s 422 Pa/m	1
FCU-H-L1-18	STAD 15/14 Thread Without drain PN 20	0.07 l/s 84.7 kPa 1.34 turns	52151-014	** Generic Steel Pipes ** 20 (3/4") 0.191 m/s 35.3 Pa/m	1
FCU-H-L1-14	STAD 20 Thread Without drain PN 20	0.09 l/s 89.3 kPa 0.27 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.246 m/s 54.9 Pa/m	1
KN-02-R1-L3	STAD 20 Thread Without drain PN 20	0.12 l/s 29.3 kPa 1.05 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-04B-R6-L3	STAD 20 Thread Without drain PN 20	0.12 l/s 42.1 kPa 0.81 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
FCU-H-L1-04	STAD 20 Thread	0.22 l/s 69.4 kPa	52151-020	** Generic Steel Pipes ** 20 (3/4")	1

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#1	Product	Technical Info	Article N°	Pipe	Qty
	Without drain PN 20	1.25 turns		0.6 m/s 271 Pa/m	
DD-01-R11-L3	STAD 20 Thread Without drain PN 20	0.12 l/s 29.3 kPa 1.05 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
FCU-H-L1-45	STAD 15/14 Thread Without drain PN 20	0.06 l/s 80.2 kPa 1.15 turns	52151-014	** Generic Steel Pipes ** 20 (3/4") 0.164 m/s 27 Pa/m	1
FCU-H-L1-38	STAD 20 Thread Without drain PN 20	0.37 l/s 16.6 kPa 2.72 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 1.01 m/s 706 Pa/m	1
KN-01-R3-L3	STAD 20 Thread Without drain PN 20	0.12 l/s 29.3 kPa 1.05 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-01-R4-L3	STAD 20 Thread Without drain PN 20	0.12 l/s 29.5 kPa 1.05 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
FHL196B07A	STAD 20 Thread Without drain PN 20	0.12 l/s 50.6 kPa 0.66 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-02-R12-L3	STAD 20 Thread Without drain PN 20	0.12 l/s 48.4 kPa 0.69 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
FCU-H-L19-01	STAD 20 Thread Without drain PN 20	0.16 l/s 34.9 kPa 1.28 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.437 m/s 153 Pa/m	1
FHL192B202	STAD 20 Thread Without drain PN 20	0.12 l/s 47.7 kPa 0.70 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
FHL192B301	STAD 20 Thread	0.12 l/s 46.8 kPa	52151-020	** Generic Steel Pipes ** 20 (3/4")	1

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#1	Product	Technical Info	Article N°	Pipe	Qty
	Without drain PN 20	0.71 turns		0.327 m/s 91.3 Pa/m	
FHL192B502	STAD 20 Thread Without drain PN 20	0.12 l/s 59.3 kPa 0.56 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-01-R10-L3	STAD 20 Thread Without drain PN 20	0.12 l/s 29.3 kPa 1.05 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-01-R9-L3	STAD 20 Thread Without drain PN 20	0.12 l/s 48.4 kPa 0.69 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
FCU-H-L1-34	STAD 25 Thread Without drain PN 20	0.52 l/s 9.25 kPa 2.75 turns	52151-025	** Generic Steel Pipes ** 25 (1") 0.895 m/s 421 Pa/m	1
FCU-H-L2-33	STAD 32 Thread Without drain PN 20	0.57 l/s 35.4 kPa 1.62 turns	52151-032	** Generic Steel Pipes ** 32 (1 1/4") 0.563 m/s 126 Pa/m	1
KN-01-R2-L3	STAD 20 Thread Without drain PN 20	0.12 l/s 41.7 kPa 0.81 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-01-R16-L3	STAD 20 Thread Without drain PN 20	0.12 l/s 54.3 kPa 0.61 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-01-R15-L3	STAD 20 Thread Without drain PN 20	0.12 l/s 46.1 kPa 0.73 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-01-R18-L3	STAD 20 Thread Without drain PN 20	0.12 l/s 29.3 kPa 1.05 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
FCU-H-L2-30	STAD 32 Thread	0.57 l/s 3 kPa	52151-032	** Generic Steel Pipes ** 32 (1 1/4")	1

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#1	Product	Technical Info	Article N°	Pipe	Qty
	Without drain PN 20	3.51 turns		0.563 m/s 126 Pa/m	
DD-02A-R6-L3	STAD 20 Thread Without drain PN 20	0.12 l/s 39.9 kPa 0.85 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-03-R7-L3A	STAD 20 Thread Without drain PN 20	0.12 l/s 28 kPa 1.08 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
FCU-H-M-01	STAD 20 Thread Without drain PN 20	0.16 l/s 50.9 kPa 1.06 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.437 m/s 153 Pa/m	1
FCU-H-L1-23	STAD 20 Thread Without drain PN 20	0.28 l/s 93.4 kPa 1.35 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.764 m/s 422 Pa/m	1
PAU-L1-02	STAF 100 Flange Standard PN 16	9.5 l/s 42 kPa 3.73 turns	52181-090	** Generic Steel Pipes ** 100 (4") 1.1 m/s 114 Pa/m	1
DD-01-R10-L3A	STAD 20 Thread Without drain PN 20	0.12 l/s 28 kPa 1.08 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
FCU-H-L1-03	STAD 20 Thread Without drain PN 20	0.18 l/s 66.8 kPa 1.04 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.491 m/s 189 Pa/m	1
KN-03-R14-L3A	STAD 20 Thread Without drain PN 20	0.12 l/s 28 kPa 1.08 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-02B-R5-L3	STAD 20 Thread Without drain PN 20	0.12 l/s 43.2 kPa 0.78 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
FCU-H-L1-36	STAD 25 Thread	0.52 l/s 13.7 kPa	52151-025	** Generic Steel Pipes ** 25 (1")	1

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#1	Product	Technical Info	Article N°	Pipe	Qty
	Without drain PN 20	2.43 turns		0.895 m/s 421 Pa/m	
FCU-H-L1-50	STAD 25 Thread Without drain PN 20	0.45 l/s 12.7 kPa 2.28 turns	52151-025	** Generic Steel Pipes ** 25 (1") 0.774 m/s 322 Pa/m	1
FCU-H-L1-06	STAD 20 Thread Without drain PN 20	0.3 l/s 69.8 kPa 1.58 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.819 m/s 479 Pa/m	1
DD-01-R1-L3	STAD 20 Thread Without drain PN 20	0.12 l/s 28 kPa 1.08 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
FCU-H-L19-02	STAD 15/14 Thread Without drain PN 20	0.05 l/s 43.8 kPa 1.34 turns	52151-014	** Generic Steel Pipes ** 15 (1/2") 0.249 m/s 83.1 Pa/m	1
FCU-H-L1-11	STAD 20 Thread Without drain PN 20	0.17 l/s 79.1 kPa 0.86 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.464 m/s 170 Pa/m	1
FL196B11	STAD 20 Thread Without drain PN 20	0.12 l/s 57.4 kPa 0.58 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-01-R2-L3	STAD 20 Thread Without drain PN 20	0.12 l/s 41.5 kPa 0.82 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
FHL186B11	STAD 20 Thread Without drain PN 20	0.12 l/s 9.32 kPa 1.68 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-01-R9-L3	STAD 20 Thread Without drain PN 20	0.12 l/s 47.4 kPa 0.71 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
FCU-H-L1-17	STAD 20 Thread	0.15 l/s 83.4 kPa	52151-020	** Generic Steel Pipes ** 20 (3/4")	1

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#1	Product	Technical Info	Article N°	Pipe	Qty
	Without drain PN 20	0.62 turns		0.409 m/s 136 Pa/m	
KN-01-R16-L3	STAD 20 Thread Without drain PN 20	0.12 l/s 53.3 kPa 0.62 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-02-R19-L3	STAD 20 Thread Without drain PN 20	0.12 l/s 40.5 kPa 0.84 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
FCU-H-L1-22	STAD 20 Thread Without drain PN 20	0.28 l/s 90.6 kPa 1.37 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.764 m/s 422 Pa/m	1
KN-02-R15-L3	STAD 20 Thread Without drain PN 20	0.12 l/s 45.9 kPa 0.73 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-01-R3-L3A	STAD 20 Thread Without drain PN 20	0.12 l/s 28 kPa 1.08 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-01-R18-L3A	STAD 20 Thread Without drain PN 20	0.12 l/s 28 kPa 1.08 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
FHL1920201	STAD 20 Thread Without drain PN 20	0.12 l/s 42.8 kPa 0.79 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-01-R4-L3A	STAD 20 Thread Without drain PN 20	0.12 l/s 28.2 kPa 1.08 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-01-R17-L3A	STAD 20 Thread Without drain PN 20	0.12 l/s 28 kPa 1.08 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
FHL192B302	STAD 20 Thread	0.12 l/s 45.9 kPa	52151-020	** Generic Steel Pipes ** 20 (3/4")	1

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#1	Product	Technical Info	Article N°	Pipe	Qty
	Without drain PN 20	0.73 turns		0.327 m/s 91.3 Pa/m	
KN-02A-R8-L3	STAD 20 Thread Without drain PN 20	0.12 l/s 28 kPa 1.08 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
FCU-H-L1-37	STAD 25 Thread Without drain PN 20	0.37 l/s 39.5 kPa 1.51 turns	52151-025	** Generic Steel Pipes ** 25 (1") 0.637 m/s 225 Pa/m	1
FHL192B501	STAD 20 Thread Without drain PN 20	0.12 l/s 54.5 kPa 0.61 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-01-R13-L3	STAD 20 Thread Without drain PN 20	0.12 l/s 28 kPa 1.08 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-01-R11-L3A	STAD 20 Thread Without drain PN 20	0.12 l/s 28 kPa 1.08 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
FCU-H-L2-34	STAD 20 Thread Without drain PN 20	0.18 l/s 53.4 kPa 1.17 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.491 m/s 189 Pa/m	1
DD-01-R12-L3	STAD 20 Thread Without drain PN 20	0.12 l/s 47.3 kPa 0.71 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-02-R20-L3	STAD 20 Thread Without drain PN 20	0.12 l/s 41.1 kPa 0.83 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
FHL186B12	STAD 20 Thread Without drain PN 20	0.12 l/s 6.9 kPa 1.84 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-01-R15-L4	STAD 20 Thread	0.12 l/s 44.5 kPa	52151-020	** Generic Steel Pipes ** 20 (3/4")	1

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#1	Product	Technical Info	Article N°	Pipe	Qty
	Without drain PN 20	0.76 turns		0.327 m/s 91.3 Pa/m	
KN-04B-R5-L4	STAD 20 Thread Without drain PN 20	0.12 l/s 41.6 kPa 0.82 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-01-R16-L4	STAD 20 Thread Without drain PN 20	0.12 l/s 51.2 kPa 0.65 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-02-R12-L4	STAD 20 Thread Without drain PN 20	0.12 l/s 44.8 kPa 0.75 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
FHL186B02	STAD 20 Thread Without drain PN 20	0.16 l/s 3.05 kPa 2.73 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.437 m/s 153 Pa/m	1
KN-03-R7-L4	STAD 20 Thread Without drain PN 20	0.12 l/s 25.7 kPa 1.13 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
FCU-H-L1-12	STAD 25 Thread Without drain PN 20	0.4 l/s 83.7 kPa 1.28 turns	52151-025	** Generic Steel Pipes ** 25 (1") 0.688 m/s 259 Pa/m	1
DD-01-R10-L4	STAD 20 Thread Without drain PN 20	0.12 l/s 25.7 kPa 1.13 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-02-R1-L4	STAD 20 Thread Without drain PN 20	0.12 l/s 25.7 kPa 1.13 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
FCU-H-L1-05	STAD 20 Thread Without drain PN 20	0.3 l/s 69 kPa 1.59 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.819 m/s 479 Pa/m	1
DD-01-R11-L4	STAD 20 Thread	0.12 l/s 25.7 kPa	52151-020	** Generic Steel Pipes ** 20 (3/4")	1

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#1	Product	Technical Info	Article N°	Pipe	Qty
	Without drain PN 20	1.13 turns		0.327 m/s 91.3 Pa/m	
FCU-H-L1-09	STAD 20 Thread Without drain PN 20	0.21 l/s 61.2 kPa 1.27 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.573 m/s 249 Pa/m	1
FL196B12	STAD 20 Thread Without drain PN 20	0.12 l/s 55 kPa 0.60 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-01-R2-L4	STAD 20 Thread Without drain PN 20	0.12 l/s 40 kPa 0.85 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
FCU-H-L2-36	STAD 20 Thread Without drain PN 20	0.18 l/s 53.2 kPa 1.17 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.491 m/s 189 Pa/m	1
DD-01-R8-L4	STAD 20 Thread Without drain PN 20	0.12 l/s 25.7 kPa 1.13 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-03-R14-L4	STAD 20 Thread Without drain PN 20	0.12 l/s 25.7 kPa 1.13 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
FHL196B02	STAD 20 Thread Without drain PN 20	0.16 l/s 45.4 kPa 1.13 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.437 m/s 153 Pa/m	1
DD-01-R9-L4	STAD 20 Thread Without drain PN 20	0.12 l/s 45.2 kPa 0.74 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
FCU-H-L19-04	STAD 25 Thread Without drain PN 20	0.35 l/s 3 kPa 3.15 turns	52151-025	** Generic Steel Pipes ** 25 (1") 0.602 m/s 203 Pa/m	1
FCU-H-L1-49	STAD 25 Thread	0.45 l/s 15.3 kPa	52151-025	** Generic Steel Pipes ** 25 (1")	1

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#1	Product	Technical Info	Article N°	Pipe	Qty
	Without drain PN 20	2.16 turns		0.774 m/s 322 Pa/m	
KN-01-R4-L4	STAD 20 Thread Without drain PN 20	0.12 l/s 25.9 kPa 1.12 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
FCU-H-L1-42	STAD 15/14 Thread Without drain PN 20	0.03 l/s 34.6 kPa 0.81 turns	52151-014	** Generic Steel Pipes ** 20 (3/4") 0.082 m/s 5.63 Pa/m	1
KN-01-R13-L4	STAD 20 Thread Without drain PN 20	0.12 l/s 25.7 kPa 1.13 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-04-R19-L4	STAD 20 Thread Without drain PN 20	0.12 l/s 39.3 kPa 0.86 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-01-R3-L4	STAD 20 Thread Without drain PN 20	0.12 l/s 25.7 kPa 1.13 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-04-R20-L4	STAD 20 Thread Without drain PN 20	0.12 l/s 39.3 kPa 0.86 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-01-R17-L4	STAD 20 Thread Without drain PN 20	0.12 l/s 25.7 kPa 1.13 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-04B-R6-L4	STAD 20 Thread Without drain PN 20	0.12 l/s 38.1 kPa 0.89 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-01-R18-L4	STAD 20 Thread Without drain PN 20	0.12 l/s 25.7 kPa 1.13 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
FCU-H-L2-27	STAD 20 Thread	0.16 l/s 50.6 kPa	52151-020	** Generic Steel Pipes ** 20 (3/4")	1

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#1	Product	Technical Info	Article N°	Pipe	Qty
	Without drain PN 20	1.07 turns		0.437 m/s 153 Pa/m	
KN-02A-R8-L4	STAD 20 Thread Without drain PN 20	0.12 l/s 25.4 kPa 1.13 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-01-R3-L4A	STAD 20 Thread Without drain PN 20	0.12 l/s 25.4 kPa 1.14 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-01-R17-L4A	STAD 20 Thread Without drain PN 20	0.12 l/s 25.4 kPa 1.13 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
FHL186B04	STAD 20 Thread Without drain PN 20	0.12 l/s 5.68 kPa 1.95 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-01-R9-L4	STAD 20 Thread Without drain PN 20	0.12 l/s 44.9 kPa 0.75 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
FCU-H-L1-19	STAD 20 Thread Without drain PN 20	0.12 l/s 75.9 kPa 0.47 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-02-R19-L4	STAD 20 Thread Without drain PN 20	0.12 l/s 39.1 kPa 0.87 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-02-R20-L4	STAD 20 Thread Without drain PN 20	0.12 l/s 39.1 kPa 0.87 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-01-R4-L4A	STAD 20 Thread Without drain PN 20	0.12 l/s 25.6 kPa 1.13 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-01-R2-L4	STAD 20 Thread	0.12 l/s 39.8 kPa	52151-020	** Generic Steel Pipes ** 20 (3/4")	1

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#1	Product	Technical Info	Article N°	Pipe	Qty
	Without drain PN 20	0.85 turns		0.327 m/s 91.3 Pa/m	
KN-03-R7-L4A	STAD 20 Thread Without drain PN 20	0.12 l/s 25.4 kPa 1.13 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
FHL196B04	STAD 20 Thread Without drain PN 20	0.12 l/s 48 kPa 0.69 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-01-R11-L4A	STAD 20 Thread Without drain PN 20	0.12 l/s 25.4 kPa 1.14 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
FCU-H-L1-08	STAD 25 Thread Without drain PN 20	0.44 l/s 55.1 kPa 1.51 turns	52151-025	** Generic Steel Pipes ** 25 (1") 0.757 m/s 309 Pa/m	1
KN-01-R16-L4	STAD 20 Thread Without drain PN 20	0.12 l/s 50.8 kPa 0.65 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-01-R10-L4A	STAD 20 Thread Without drain PN 20	0.12 l/s 25.4 kPa 1.13 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-01-R13-L4	STAD 20 Thread Without drain PN 20	0.12 l/s 25.4 kPa 1.13 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-02B-R5-L4	STAD 20 Thread Without drain PN 20	0.12 l/s 41.4 kPa 0.82 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
FCU-H-L2-28	STAD 15/14 Thread Without drain PN 20	0.08 l/s 50.5 kPa 1.70 turns	52151-014	** Generic Steel Pipes ** 20 (3/4") 0.218 m/s 44.6 Pa/m	1
KN-02-R15-L4	STAD 20 Thread	0.12 l/s 44.3 kPa	52151-020	** Generic Steel Pipes ** 20 (3/4")	1

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#1	Product	Technical Info	Article N°	Pipe	Qty
	Without drain PN 20	0.76 turns		0.327 m/s 91.3 Pa/m	
FCU-H-L1-43	STAD 15/14 Thread	0.03 l/s 32.6 kPa	52151-014	** Generic Steel Pipes ** 20 (3/4")	1
	Without drain PN 20	0.84 turns		0.082 m/s 5.63 Pa/m	
KN-03-R14-L4A	STAD 20 Thread	0.12 l/s 25.4 kPa	52151-020	** Generic Steel Pipes ** 20 (3/4")	1
	Without drain PN 20	1.13 turns		0.327 m/s 91.3 Pa/m	
DD-01-R1-L4	STAD 20 Thread	0.12 l/s 25.4 kPa	52151-020	** Generic Steel Pipes ** 20 (3/4")	1
	Without drain PN 20	1.14 turns		0.327 m/s 91.3 Pa/m	
DD-02A-R6-L4	STAD 20 Thread	0.12 l/s 37.9 kPa	52151-020	** Generic Steel Pipes ** 20 (3/4")	1
	Without drain PN 20	0.89 turns		0.327 m/s 91.3 Pa/m	
DD-01-R12-L4	STAD 20 Thread	0.12 l/s 44.5 kPa	52151-020	** Generic Steel Pipes ** 20 (3/4")	1
	Without drain PN 20	0.76 turns		0.327 m/s 91.3 Pa/m	
KN-01-R18-L4A	STAD 20 Thread	0.12 l/s 25.4 kPa	52151-020	** Generic Steel Pipes ** 20 (3/4")	1
	Without drain PN 20	1.13 turns		0.327 m/s 91.3 Pa/m	
KN-02-R12-L5	STAD 20 Thread	0.12 l/s 42.2 kPa	52151-020	** Generic Steel Pipes ** 20 (3/4")	1
	Without drain PN 20	0.80 turns		0.327 m/s 91.3 Pa/m	
FCU-H-M-02	STAD 20 Thread	0.24 l/s 32.7 kPa	52151-020	** Generic Steel Pipes ** 20 (3/4")	1
	Without drain PN 20	1.74 turns		0.655 m/s 318 Pa/m	
KN-01-R4-L5	STAD 20 Thread	0.12 l/s 23.6 kPa	52151-020	** Generic Steel Pipes ** 20 (3/4")	1
	Without drain PN 20	1.18 turns		0.327 m/s 91.3 Pa/m	
FHL186B03	STAD 20 Thread	0.12 l/s 3.86 kPa	52151-020	** Generic Steel Pipes ** 20 (3/4")	1

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#1	Product	Technical Info	Article N°	Pipe	Qty
	Without drain PN 20	2.18 turns		0.327 m/s 91.3 Pa/m	
FCU-H-L1-07	STAD 25 Thread	0.44 l/s 53.4 kPa	52151-025	** Generic Steel Pipes ** 25 (1")	1
	Without drain PN 20	1.52 turns		0.757 m/s 309 Pa/m	
DD-01-R11-L5	STAD 20 Thread	0.12 l/s 23.4 kPa	52151-020	** Generic Steel Pipes ** 20 (3/4")	1
	Without drain PN 20	1.18 turns		0.327 m/s 91.3 Pa/m	
FHL196B03	STAD 20 Thread	0.12 l/s 46.2 kPa	52151-020	** Generic Steel Pipes ** 20 (3/4")	1
	Without drain PN 20	0.73 turns		0.327 m/s 91.3 Pa/m	
FCU-H-L2-37	STAD 20 Thread	0.24 l/s 43 kPa	52151-020	** Generic Steel Pipes ** 20 (3/4")	1
	Without drain PN 20	1.60 turns		0.655 m/s 318 Pa/m	
KN-01-R17-L5	STAD 20 Thread	0.12 l/s 23.5 kPa	52151-020	** Generic Steel Pipes ** 20 (3/4")	1
	Without drain PN 20	1.18 turns		0.327 m/s 91.3 Pa/m	
KN-03-R7-L5	STAD 20 Thread	0.12 l/s 23.5 kPa	52151-020	** Generic Steel Pipes ** 20 (3/4")	1
	Without drain PN 20	1.18 turns		0.327 m/s 91.3 Pa/m	
KN-01-R13-L5	STAD 20 Thread	0.12 l/s 23.5 kPa	52151-020	** Generic Steel Pipes ** 20 (3/4")	1
	Without drain PN 20	1.18 turns		0.327 m/s 91.3 Pa/m	
KN-02-R1-L5	STAD 20 Thread	0.12 l/s 23.4 kPa	52151-020	** Generic Steel Pipes ** 20 (3/4")	1
	Without drain PN 20	1.18 turns		0.327 m/s 91.3 Pa/m	
KN-04B-R6-L5	STAD 20 Thread	0.12 l/s 36.5 kPa	52151-020	** Generic Steel Pipes ** 20 (3/4")	1
	Without drain PN 20	0.92 turns		0.327 m/s 91.3 Pa/m	
DD-01-R16-L5	STAD 20 Thread	0.12 l/s 48.9 kPa	52151-020	** Generic Steel Pipes ** 20 (3/4")	1

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#1	Product	Technical Info	Article N°	Pipe	Qty
	Without drain PN 20	0.68 turns		0.327 m/s 91.3 Pa/m	
DD-01-R9-L5	STAD 20 Thread Without drain PN 20	0.12 l/s 42.9 kPa 0.79 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-04-R19-L5	STAD 20 Thread Without drain PN 20	0.12 l/s 37.8 kPa 0.89 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-03-R14-L5	STAD 20 Thread Without drain PN 20	0.12 l/s 23.5 kPa 1.18 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-01-R10-L5	STAD 20 Thread Without drain PN 20	0.12 l/s 23.5 kPa 1.18 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-04B-R5-L5	STAD 20 Thread Without drain PN 20	0.12 l/s 39.7 kPa 0.86 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-01-R15-L5	STAD 20 Thread Without drain PN 20	0.12 l/s 43.1 kPa 0.79 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
FCU-H-L1-20	STAD 25 Thread Without drain PN 20	0.4 l/s 78.9 kPa 1.30 turns	52151-025	** Generic Steel Pipes ** 25 (1") 0.688 m/s 259 Pa/m	1
KN-01-R3-L5	STAD 20 Thread Without drain PN 20	0.12 l/s 23.4 kPa 1.18 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
FCU-H-L1-41	STAD 25 Thread Without drain PN 20	0.4 l/s 24.9 kPa 1.77 turns	52151-025	** Generic Steel Pipes ** 25 (1") 0.688 m/s 259 Pa/m	1
KN-04-R20-L5	STAD 20 Thread	0.12 l/s 37.8 kPa	52151-020	** Generic Steel Pipes ** 20 (3/4")	1

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#1	Product	Technical Info	Article N°	Pipe	Qty
	Without drain PN 20	0.89 turns		0.327 m/s 91.3 Pa/m	
DD-01-R8-L5	STAD 20 Thread Without drain PN 20	0.12 l/s 23.5 kPa 1.18 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-01-R18-L5	STAD 20 Thread Without drain PN 20	0.12 l/s 23.5 kPa 1.18 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-01-R2-L5	STAD 20 Thread Without drain PN 20	0.12 l/s 38.2 kPa 0.89 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-01-R12-L5	STAD 20 Thread Without drain PN 20	0.12 l/s 41.9 kPa 0.81 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-01-R4-L5A	STAD 20 Thread Without drain PN 20	0.12 l/s 23.4 kPa 1.18 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-01-R3-L5A	STAD 20 Thread Without drain PN 20	0.12 l/s 23.2 kPa 1.19 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-01-R11-L5A	STAD 20 Thread Without drain PN 20	0.12 l/s 23.2 kPa 1.19 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-02-R19-L5	STAD 20 Thread Without drain PN 20	0.12 l/s 37.6 kPa 0.90 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
FCU-H-L2-39	STAD 20 Thread Without drain PN 20	0.24 l/s 31.7 kPa 1.76 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.655 m/s 318 Pa/m	1
DD-01-R1-L5	STAD 20 Thread	0.12 l/s 23.2 kPa	52151-020	** Generic Steel Pipes ** 20 (3/4")	1

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#1	Product	Technical Info	Article N°	Pipe	Qty
	Without drain PN 20	1.19 turns		0.327 m/s 91.3 Pa/m	
KN-02A-R8-L5	STAD 20 Thread Without drain PN 20	0.12 l/s 23.3 kPa 1.19 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-02-R20-L5	STAD 20 Thread Without drain PN 20	0.12 l/s 37.6 kPa 0.90 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-01-R13-L5	STAD 20 Thread Without drain PN 20	0.12 l/s 23.3 kPa 1.19 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-01-R10-L5A	STAD 20 Thread Without drain PN 20	0.12 l/s 23.3 kPa 1.19 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-02A-R6-L5	STAD 20 Thread Without drain PN 20	0.12 l/s 36.4 kPa 0.92 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-01-R18-L5A	STAD 20 Thread Without drain PN 20	0.12 l/s 23.3 kPa 1.19 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-03-R7-L5A	STAD 20 Thread Without drain PN 20	0.12 l/s 23.3 kPa 1.19 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-02-R15-L5	STAD 20 Thread Without drain PN 20	0.12 l/s 41.9 kPa 0.81 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-02B-R5-L5	STAD 20 Thread Without drain PN 20	0.12 l/s 39.4 kPa 0.86 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-01-R17-L5A	STAD 20 Thread	0.12 l/s 23.3 kPa	52151-020	** Generic Steel Pipes ** 20 (3/4")	1

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#1	Product	Technical Info	Article N°	Pipe	Qty
	Without drain PN 20	1.19 turns		0.327 m/s 91.3 Pa/m	
KN-03-R14-L5A	STAD 20 Thread Without drain PN 20	0.12 l/s 23.3 kPa 1.19 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-01-R9-L5	STAD 20 Thread Without drain PN 20	0.12 l/s 42.6 kPa 0.80 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-01-R16-L5	STAD 20 Thread Without drain PN 20	0.12 l/s 48.6 kPa 0.68 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-01-R2-L5	STAD 20 Thread Without drain PN 20	0.12 l/s 38.3 kPa 0.88 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-02-R12-L6	STAD 20 Thread Without drain PN 20	0.12 l/s 39.8 kPa 0.85 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-01-R4-L6	STAD 20 Thread Without drain PN 20	0.12 l/s 21.8 kPa 1.22 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-01-R8-L6	STAD 20 Thread Without drain PN 20	0.12 l/s 21.7 kPa 1.23 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-04-R19-L6	STAD 20 Thread Without drain PN 20	0.12 l/s 36.4 kPa 0.92 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
FHL2LW01	STAD 20 Thread Without drain PN 20	0.24 l/s 30.3 kPa 1.78 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.655 m/s 318 Pa/m	1
KN-03-R14-L6	STAD 20 Thread	0.12 l/s 21.7 kPa	52151-020	** Generic Steel Pipes ** 20 (3/4")	1

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#1	Product	Technical Info	Article N°	Pipe	Qty
	Without drain PN 20	1.23 turns		0.327 m/s 91.3 Pa/m	
KN-02-R1-L6	STAD 20 Thread Without drain PN 20	0.12 l/s 21.6 kPa 1.23 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-01-R13-L6	STAD 20 Thread Without drain PN 20	0.12 l/s 21.7 kPa 1.23 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-04B-R5-L6	STAD 20 Thread Without drain PN 20	0.12 l/s 37.9 kPa 0.89 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-03-R7-L6	STAD 20 Thread Without drain PN 20	0.12 l/s 21.7 kPa 1.23 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-04B-R6-L6	STAD 20 Thread Without drain PN 20	0.12 l/s 35.2 kPa 0.94 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-01-R18-L6	STAD 20 Thread Without drain PN 20	0.12 l/s 21.7 kPa 1.23 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-01-R11-L6	STAD 20 Thread Without drain PN 20	0.12 l/s 21.6 kPa 1.23 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-01-R10-L6	STAD 20 Thread Without drain PN 20	0.12 l/s 21.7 kPa 1.23 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-01-R9-L6	STAD 20 Thread Without drain PN 20	0.12 l/s 40.8 kPa 0.83 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-01-R2-L6	STAD 20 Thread	0.12 l/s 37.1 kPa	52151-020	** Generic Steel Pipes ** 20 (3/4")	1

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#1	Product	Technical Info	Article N°	Pipe	Qty
	Without drain PN 20	0.91 turns		0.327 m/s 91.3 Pa/m	
KN-04-R20-L6	STAD 20 Thread Without drain PN 20	0.12 l/s 36.4 kPa 0.92 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-01-R15-L6	STAD 20 Thread Without drain PN 20	0.12 l/s 41.8 kPa 0.81 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-01-R17-L6	STAD 20 Thread Without drain PN 20	0.12 l/s 21.7 kPa 1.23 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-01-R16-L6	STAD 20 Thread Without drain PN 20	0.12 l/s 46.9 kPa 0.71 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-01-R3-L6	STAD 20 Thread Without drain PN 20	0.12 l/s 21.6 kPa 1.23 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-01-R12-L6	STAD 20 Thread Without drain PN 20	0.12 l/s 39.5 kPa 0.86 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-01-R4-L6A	STAD 20 Thread Without drain PN 20	0.12 l/s 21.6 kPa 1.23 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-01-R18-L6A	STAD 20 Thread Without drain PN 20	0.12 l/s 21.5 kPa 1.23 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
FHL2LW02	STAD 20 Thread Without drain PN 20	0.24 l/s 29.7 kPa 1.79 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.655 m/s 318 Pa/m	1
DD-01-R10-L6A	STAD 20 Thread	0.12 l/s 21.5 kPa	52151-020	** Generic Steel Pipes ** 20 (3/4")	1

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#1	Product	Technical Info	Article N°	Pipe	Qty
	Without drain PN 20	1.23 turns		0.327 m/s 91.3 Pa/m	
DD-01-R13-L6	STAD 20 Thread Without drain PN 20	0.12 l/s 20.5 kPa 1.26 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-02-R15-L6	STAD 20 Thread Without drain PN 20	0.12 l/s 41.7 kPa 0.81 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-01-R3-L6A	STAD 20 Thread Without drain PN 20	0.12 l/s 21.4 kPa 1.23 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-03-R7-L6A	STAD 20 Thread Without drain PN 20	0.12 l/s 21.5 kPa 1.23 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-02B-R5-L6	STAD 20 Thread Without drain PN 20	0.12 l/s 37.7 kPa 0.90 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-01-R9-L6	STAD 20 Thread Without drain PN 20	0.12 l/s 40.5 kPa 0.84 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-01-R16-L6	STAD 20 Thread Without drain PN 20	0.12 l/s 46.6 kPa 0.72 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-02-R20-L6	STAD 20 Thread Without drain PN 20	0.12 l/s 36.3 kPa 0.92 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-02A-R8-L6	STAD 20 Thread Without drain PN 20	0.12 l/s 21.5 kPa 1.23 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-02-R19-L6	STAD 20 Thread	0.12 l/s 36.3 kPa	52151-020	** Generic Steel Pipes ** 20 (3/4")	1

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#1	Product	Technical Info	Article N°	Pipe	Qty
	Without drain PN 20	0.92 turns		0.327 m/s 91.3 Pa/m	
KN-03-R14-L6A	STAD 20 Thread Without drain PN 20	0.12 l/s 21.5 kPa 1.23 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-02A-R6-L6	STAD 20 Thread Without drain PN 20	0.12 l/s 35 kPa 0.95 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-01-R11-L6A	STAD 20 Thread Without drain PN 20	0.12 l/s 21.4 kPa 1.23 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-01-R1-L6	STAD 20 Thread Without drain PN 20	0.12 l/s 21.4 kPa 1.23 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-01-R17-L6A	STAD 20 Thread Without drain PN 20	0.12 l/s 21.5 kPa 1.23 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-01-R2-L6	STAD 20 Thread Without drain PN 20	0.12 l/s 36.9 kPa 0.91 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-02-R12-L7	STAD 20 Thread Without drain PN 20	0.12 l/s 37.6 kPa 0.90 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-04B-R6-L7	STAD 20 Thread Without drain PN 20	0.12 l/s 34 kPa 0.97 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-01-R11-L7	STAD 20 Thread Without drain PN 20	0.12 l/s 20.2 kPa 1.27 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-01-R13-L7	STAD 20 Thread	0.12 l/s 20.2 kPa	52151-020	** Generic Steel Pipes ** 20 (3/4")	1

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#1	Product	Technical Info	Article N°	Pipe	Qty
	Without drain PN 20	1.26 turns		0.327 m/s 91.3 Pa/m	
DD-01-R8-L7	STAD 20 Thread Without drain PN 20	0.12 l/s 20.2 kPa 1.26 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-01-R9-L7	STAD 20 Thread Without drain PN 20	0.12 l/s 38.9 kPa 0.87 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-01-R2-L7	STAD 20 Thread Without drain PN 20	0.12 l/s 35.8 kPa 0.93 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-04-R20-L7	STAD 20 Thread Without drain PN 20	0.12 l/s 35.2 kPa 0.94 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-03-R7-L7	STAD 20 Thread Without drain PN 20	0.12 l/s 20.2 kPa 1.26 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-04-R19-L7	STAD 20 Thread Without drain PN 20	0.12 l/s 35.2 kPa 0.94 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-01-R3-L7	STAD 20 Thread Without drain PN 20	0.12 l/s 20.2 kPa 1.27 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-02-R1-L7	STAD 20 Thread Without drain PN 20	0.12 l/s 20.2 kPa 1.27 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-01-R10-L7	STAD 20 Thread Without drain PN 20	0.12 l/s 20.2 kPa 1.26 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-01-R17-L7	STAD 20 Thread	0.12 l/s 20.2 kPa	52151-020	** Generic Steel Pipes ** 20 (3/4")	1

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#1	Product	Technical Info	Article N°	Pipe	Qty
	Without drain PN 20	1.26 turns		0.327 m/s 91.3 Pa/m	
KN-01-R18-L7	STAD 20 Thread Without drain PN 20	0.12 l/s 20.2 kPa 1.26 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-01-R4-L7	STAD 20 Thread Without drain PN 20	0.12 l/s 20.4 kPa 1.26 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-01-R15-L7	STAD 20 Thread Without drain PN 20	0.12 l/s 40.7 kPa 0.83 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-01-R16-L7	STAD 20 Thread Without drain PN 20	0.12 l/s 45.1 kPa 0.75 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-03-R14-L7	STAD 20 Thread Without drain PN 20	0.12 l/s 20.2 kPa 1.26 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
FHL2LW03	STAD 20 Thread Without drain PN 20	0.24 l/s 27.3 kPa 1.84 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.655 m/s 318 Pa/m	1
KN-04B-R5-L7	STAD 20 Thread Without drain PN 20	0.12 l/s 36.4 kPa 0.92 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-01-R12-L7	STAD 20 Thread Without drain PN 20	0.12 l/s 37.3 kPa 0.90 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
FHL2LW04	STAD 20 Thread Without drain PN 20	0.24 l/s 23.3 kPa 1.93 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.655 m/s 318 Pa/m	1
KN-01-R9-L7	STAD 20 Thread	0.12 l/s 38.6 kPa	52151-020	** Generic Steel Pipes ** 20 (3/4")	1

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#1	Product	Technical Info	Article N°	Pipe	Qty
	Without drain PN 20	0.88 turns		0.327 m/s 91.3 Pa/m	
DD-01-R2-L7	STAD 20 Thread Without drain PN 20	0.12 l/s 35.7 kPa 0.93 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-01-R3-L7A	STAD 20 Thread Without drain PN 20	0.12 l/s 20 kPa 1.27 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-01-R17-L7A	STAD 20 Thread Without drain PN 20	0.12 l/s 20.1 kPa 1.27 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-01-R4-L7A	STAD 20 Thread Without drain PN 20	0.12 l/s 20.2 kPa 1.26 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-01-R1-L7	STAD 20 Thread Without drain PN 20	0.12 l/s 20 kPa 1.27 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-02-R15-L7	STAD 20 Thread Without drain PN 20	0.12 l/s 40.6 kPa 0.84 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-02B-R5-L7	STAD 20 Thread Without drain PN 20	0.12 l/s 36.2 kPa 0.93 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-02-R19-L7	STAD 20 Thread Without drain PN 20	0.12 l/s 35.1 kPa 0.95 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-01-R11-L7A	STAD 20 Thread Without drain PN 20	0.12 l/s 20 kPa 1.27 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-01-R13-L7	STAD 20 Thread	0.12 l/s 20.1 kPa	52151-020	** Generic Steel Pipes ** 20 (3/4")	1

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#1	Product	Technical Info	Article N°	Pipe	Qty
	Without drain PN 20	1.27 turns		0.327 m/s 91.3 Pa/m	
DD-02-R20-L7	STAD 20 Thread Without drain PN 20	0.12 l/s 35.1 kPa 0.95 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-01-R10-L7A	STAD 20 Thread Without drain PN 20	0.12 l/s 20.1 kPa 1.27 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-02A-R8-L7	STAD 20 Thread Without drain PN 20	0.12 l/s 20.1 kPa 1.27 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-01-R16-L7	STAD 20 Thread Without drain PN 20	0.12 l/s 44.9 kPa 0.75 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-03-R7-L7A	STAD 20 Thread Without drain PN 20	0.12 l/s 20.1 kPa 1.27 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-03-R14-L7A	STAD 20 Thread Without drain PN 20	0.12 l/s 20.1 kPa 1.27 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-02A-R6-L7	STAD 20 Thread Without drain PN 20	0.12 l/s 33.9 kPa 0.97 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-01-R18-L7A	STAD 20 Thread Without drain PN 20	0.12 l/s 20.1 kPa 1.27 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-04B-R5-L8	STAD 20 Thread Without drain PN 20	0.12 l/s 35 kPa 0.95 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-03-R7-L8	STAD 20 Thread	0.12 l/s 19.1 kPa	52151-020	** Generic Steel Pipes ** 20 (3/4")	1

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#1	Product	Technical Info	Article N°	Pipe	Qty
	Without drain PN 20	1.30 turns		0.327 m/s 91.3 Pa/m	
DD-01-R8-L8	STAD 20 Thread Without drain PN 20	0.12 l/s 19.1 kPa 1.30 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-01-R9-L8	STAD 20 Thread Without drain PN 20	0.12 l/s 37.2 kPa 0.91 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-01-R4-L8	STAD 20 Thread Without drain PN 20	0.12 l/s 19.3 kPa 1.29 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-03-R14-L8	STAD 20 Thread Without drain PN 20	0.12 l/s 19.1 kPa 1.30 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-01-R11-L8	STAD 20 Thread Without drain PN 20	0.12 l/s 19.1 kPa 1.30 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-01-R10-L8	STAD 20 Thread Without drain PN 20	0.12 l/s 19.1 kPa 1.30 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-01-R13-L8	STAD 20 Thread Without drain PN 20	0.12 l/s 19.1 kPa 1.30 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-02-R12-L8	STAD 20 Thread Without drain PN 20	0.12 l/s 35.6 kPa 0.94 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-01-R2-L8	STAD 20 Thread Without drain PN 20	0.12 l/s 34.8 kPa 0.95 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-01-R16-L8	STAD 20 Thread	0.12 l/s 43.4 kPa	52151-020	** Generic Steel Pipes ** 20 (3/4")	1

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#1	Product	Technical Info	Article N°	Pipe	Qty
	Without drain PN 20	0.78 turns		0.327 m/s 91.3 Pa/m	
DD-01-R15-L8	STAD 20 Thread Without drain PN 20	0.12 l/s 39.7 kPa 0.85 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-01-R18-L8	STAD 20 Thread Without drain PN 20	0.12 l/s 19.1 kPa 1.30 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-01-R17-L8	STAD 20 Thread Without drain PN 20	0.12 l/s 19.1 kPa 1.30 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-04-R20-L8	STAD 20 Thread Without drain PN 20	0.12 l/s 34.2 kPa 0.96 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-02-R1-L8	STAD 20 Thread Without drain PN 20	0.12 l/s 15.1 kPa 1.43 turns	52151-020	** Generic Steel Pipes ** 15 (1/2") 0.597 m/s 396 Pa/m	1
KN-04-R19-L8	STAD 20 Thread Without drain PN 20	0.12 l/s 34.2 kPa 0.96 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-01-R3-L8	STAD 20 Thread Without drain PN 20	0.12 l/s 19.1 kPa 1.30 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-04B-R6-L8	STAD 20 Thread Without drain PN 20	0.12 l/s 32.9 kPa 0.99 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-01-R17-L8A	STAD 20 Thread Without drain PN 20	0.12 l/s 18 kPa 1.33 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-02A-R6-L8	STAD 20 Thread	0.12 l/s 32.8 kPa	52151-020	** Generic Steel Pipes ** 20 (3/4")	1

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#1	Product	Technical Info	Article N°	Pipe	Qty
	Without drain PN 20	0.99 turns		0.327 m/s 91.3 Pa/m	
DD-01-R10-L8A	STAD 20 Thread Without drain PN 20	0.12 l/s 18 kPa 1.33 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-01-R13-L8	STAD 20 Thread Without drain PN 20	0.12 l/s 18 kPa 1.33 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-02-R19-L8	STAD 20 Thread Without drain PN 20	0.12 l/s 34.1 kPa 0.97 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-03-R7-L8A	STAD 20 Thread Without drain PN 20	0.12 l/s 18 kPa 1.33 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-01-R1-L8	STAD 20 Thread Without drain PN 20	0.12 l/s 17.9 kPa 1.33 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-02A-R8-L8	STAD 20 Thread Without drain PN 20	0.12 l/s 18 kPa 1.33 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-01-R16-L8	STAD 20 Thread Without drain PN 20	0.12 l/s 43.3 kPa 0.78 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-02-R15-L8	STAD 20 Thread Without drain PN 20	0.12 l/s 38.3 kPa 0.88 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-03-R14-L8A	STAD 20 Thread Without drain PN 20	0.12 l/s 18 kPa 1.33 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-01-R3-L8A	STAD 20 Thread	0.12 l/s 17.9 kPa	52151-020	** Generic Steel Pipes ** 20 (3/4")	1

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#1	Product	Technical Info	Article N°	Pipe	Qty
	Without drain PN 20	1.33 turns		0.327 m/s 91.3 Pa/m	
DD-01-R11-L8A	STAD 20 Thread Without drain PN 20	0.12 l/s 17.9 kPa 1.33 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-01-R4-L8A	STAD 20 Thread Without drain PN 20	0.12 l/s 18.1 kPa 1.33 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-02B-R5-L8	STAD 20 Thread Without drain PN 20	0.12 l/s 34.8 kPa 0.95 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-01-R9-L8	STAD 20 Thread Without drain PN 20	0.12 l/s 37 kPa 0.91 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-01-R2-L8	STAD 20 Thread Without drain PN 20	0.12 l/s 34.7 kPa 0.95 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-02-R20-L8	STAD 20 Thread Without drain PN 20	0.12 l/s 34.1 kPa 0.97 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-01-R12-L8	STAD 20 Thread Without drain PN 20	0.12 l/s 35.4 kPa 0.94 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-01-R18-L8A	STAD 20 Thread Without drain PN 20	0.12 l/s 18 kPa 1.33 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-01-R18-L9	STAD 20 Thread Without drain PN 20	0.12 l/s 15.6 kPa 1.41 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-01-R2-L9	STAD 20 Thread	0.12 l/s 33.8 kPa	52151-020	** Generic Steel Pipes ** 20 (3/4")	1

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#1	Product	Technical Info	Article N°	Pipe	Qty
	Without drain PN 20	0.97 turns		0.327 m/s 91.3 Pa/m	
KN-01-R13-L9	STAD 20 Thread Without drain PN 20	0.12 l/s 15.6 kPa 1.41 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-01-R16-L9	STAD 20 Thread Without drain PN 20	0.12 l/s 42 kPa 0.81 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-03-R7-L9	STAD 20 Thread Without drain PN 20	0.12 l/s 15.6 kPa 1.41 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-01-R9-L9	STAD 20 Thread Without drain PN 20	0.12 l/s 35.7 kPa 0.94 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-04B-R5-L9	STAD 20 Thread Without drain PN 20	0.12 l/s 33.8 kPa 0.97 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-03-R14-L9	STAD 20 Thread Without drain PN 20	0.12 l/s 15.6 kPa 1.41 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-01-R15-L9	STAD 20 Thread Without drain PN 20	0.12 l/s 35.6 kPa 0.94 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-04-R19-L9	STAD 20 Thread Without drain PN 20	0.12 l/s 30.1 kPa 1.04 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-01-R3-L9	STAD 20 Thread Without drain PN 20	0.12 l/s 15.5 kPa 1.41 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-01-R10-L9	STAD 20 Thread	0.12 l/s 15.6 kPa	52151-020	** Generic Steel Pipes ** 20 (3/4")	1

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#1	Product	Technical Info	Article N°	Pipe	Qty
	Without drain PN 20	1.41 turns		0.327 m/s 91.3 Pa/m	
KN-04B-R6-L9	STAD 20 Thread Without drain PN 20	0.12 l/s 28.9 kPa 1.06 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-04-R20-L9	STAD 20 Thread Without drain PN 20	0.12 l/s 30.1 kPa 1.04 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-01-R17-L9	STAD 20 Thread Without drain PN 20	0.12 l/s 15.6 kPa 1.41 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-01-R8-L9	STAD 20 Thread Without drain PN 20	0.12 l/s 15.6 kPa 1.41 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-01-R11-L9	STAD 20 Thread Without drain PN 20	0.12 l/s 15.5 kPa 1.41 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-02-R12-L9	STAD 20 Thread Without drain PN 20	0.12 l/s 33.9 kPa 0.97 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-02-R1-L9	STAD 20 Thread Without drain PN 20	0.12 l/s 15.5 kPa 1.41 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-01-R4-L9	STAD 20 Thread Without drain PN 20	0.12 l/s 15.7 kPa 1.40 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-01-R13-L9	STAD 20 Thread Without drain PN 20	0.12 l/s 15.3 kPa 1.42 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-01-R17-L9A	STAD 20 Thread	0.12 l/s 15.3 kPa	52151-020	** Generic Steel Pipes ** 20 (3/4")	1

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#1	Product	Technical Info	Article N°	Pipe	Qty
	Without drain PN 20	1.42 turns		0.327 m/s 91.3 Pa/m	
KN-03-R7-L9A	STAD 20 Thread Without drain PN 20	0.12 l/s 15.3 kPa 1.42 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-01-R16-L9	STAD 20 Thread Without drain PN 20	0.12 l/s 41.8 kPa 0.81 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-02-R15-L9	STAD 20 Thread Without drain PN 20	0.12 l/s 35.3 kPa 0.94 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-01-R9-L9	STAD 20 Thread Without drain PN 20	0.12 l/s 35.5 kPa 0.94 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-02-R20-L9	STAD 20 Thread Without drain PN 20	0.12 l/s 29.7 kPa 1.05 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-01-R3-L9A	STAD 20 Thread Without drain PN 20	0.12 l/s 15.3 kPa 1.42 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-03-R14-L9A	STAD 20 Thread Without drain PN 20	0.12 l/s 15.3 kPa 1.42 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-02A-R8-L9	STAD 20 Thread Without drain PN 20	0.12 l/s 15.3 kPa 1.42 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-01-R11-L9A	STAD 20 Thread Without drain PN 20	0.12 l/s 15.3 kPa 1.42 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-01-R10-L9A	STAD 20 Thread	0.12 l/s 15.3 kPa	52151-020	** Generic Steel Pipes ** 20 (3/4")	1

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#1	Product	Technical Info	Article N°	Pipe	Qty
	Without drain PN 20	1.42 turns		0.327 m/s 91.3 Pa/m	
DD-01-R1-L9	STAD 20 Thread Without drain PN 20	0.12 l/s 15.3 kPa 1.42 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-02A-R6-L9	STAD 20 Thread Without drain PN 20	0.12 l/s 28.5 kPa 1.07 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-01-R12-L9	STAD 20 Thread Without drain PN 20	0.12 l/s 33.7 kPa 0.97 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-01-R18-L9A	STAD 20 Thread Without drain PN 20	0.12 l/s 15.3 kPa 1.42 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-02-R19-L9	STAD 20 Thread Without drain PN 20	0.12 l/s 29.7 kPa 1.05 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-02B-R5-L9	STAD 20 Thread Without drain PN 20	0.12 l/s 33.6 kPa 0.97 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-01-R2-L9	STAD 20 Thread Without drain PN 20	0.12 l/s 32.5 kPa 0.99 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-01-R4-L9A	STAD 20 Thread Without drain PN 20	0.12 l/s 15.5 kPa 1.41 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-03-R7-L10	STAD 20 Thread Without drain PN 20	0.12 l/s 13.6 kPa 1.48 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-01-R16-L10	STAD 20 Thread	0.12 l/s 40.7 kPa	52151-020	** Generic Steel Pipes ** 20 (3/4")	1

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#1	Product	Technical Info	Article N°	Pipe	Qty
	Without drain PN 20	0.83 turns		0.327 m/s 91.3 Pa/m	
KN-04-R20-L10	STAD 20 Thread Without drain PN 20	0.12 l/s 27.2 kPa 1.10 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-01-R17-L10	STAD 20 Thread Without drain PN 20	0.12 l/s 13.6 kPa 1.48 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-03-R14-L10	STAD 20 Thread Without drain PN 20	0.12 l/s 13.6 kPa 1.48 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-01-R2-L10	STAD 20 Thread Without drain PN 20	0.12 l/s 29.9 kPa 1.04 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-02-R1-L10	STAD 20 Thread Without drain PN 20	0.12 l/s 13.6 kPa 1.48 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-02-R12-L10	STAD 20 Thread Without drain PN 20	0.12 l/s 32.3 kPa 1.00 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-04B-R5-L10	STAD 20 Thread Without drain PN 20	0.12 l/s 32.7 kPa 0.99 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-01-R11-L10	STAD 20 Thread Without drain PN 20	0.12 l/s 13.6 kPa 1.48 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-01-R13-L10	STAD 20 Thread Without drain PN 20	0.12 l/s 13.6 kPa 1.48 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-01-R9-L10	STAD 20 Thread	0.12 l/s 34.3 kPa	52151-020	** Generic Steel Pipes ** 20 (3/4")	1

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#1	Product	Technical Info	Article N°	Pipe	Qty
	Without drain PN 20	0.96 turns		0.327 m/s 91.3 Pa/m	
KN-01-R18-L10	STAD 20 Thread Without drain PN 20	0.12 l/s 13.6 kPa 1.48 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-01-R8-L10	STAD 20 Thread Without drain PN 20	0.12 l/s 13.6 kPa 1.48 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-04B-R6-L10	STAD 20 Thread Without drain PN 20	0.12 l/s 25.9 kPa 1.12 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-01-R4-L10	STAD 20 Thread Without drain PN 20	0.12 l/s 13.8 kPa 1.48 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-04-R19-L10	STAD 20 Thread Without drain PN 20	0.12 l/s 27.2 kPa 1.10 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-01-R15-L10	STAD 20 Thread Without drain PN 20	0.12 l/s 33 kPa 0.98 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-01-R3-L10	STAD 20 Thread Without drain PN 20	0.12 l/s 13.6 kPa 1.48 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-01-R10-L10	STAD 20 Thread Without drain PN 20	0.12 l/s 13.6 kPa 1.48 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-01-R3-L10A	STAD 20 Thread Without drain PN 20	0.12 l/s 13.4 kPa 1.49 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN03-R14-L10A	STAD 20 Thread	0.12 l/s 13.4 kPa	52151-020	** Generic Steel Pipes ** 20 (3/4")	1

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#1	Product	Technical Info	Article N°	Pipe	Qty
	Without drain PN 20	1.49 turns		0.327 m/s 91.3 Pa/m	
KN-01-R9-L10	STAD 20 Thread Without drain PN 20	0.12 l/s 34.2 kPa 0.96 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-02-R19-L10	STAD 20 Thread Without drain PN 20	0.12 l/s 26.8 kPa 1.10 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-02A-R6-L10	STAD 20 Thread Without drain PN 20	0.12 l/s 25.6 kPa 1.13 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD01R10L10A	STAD 20 Thread Without drain PN 20	0.12 l/s 13.4 kPa 1.49 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-03-R7-L10A	STAD 20 Thread Without drain PN 20	0.12 l/s 13.4 kPa 1.49 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN01-R17-L10A	STAD 20 Thread Without drain PN 20	0.12 l/s 13.4 kPa 1.49 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD01R11L10A	STAD 20 Thread Without drain PN 20	0.12 l/s 13.4 kPa 1.49 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-02-R20-L10	STAD 20 Thread Without drain PN 20	0.12 l/s 26.8 kPa 1.10 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN01-R18-L10A	STAD 20 Thread Without drain PN 20	0.12 l/s 13.4 kPa 1.49 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-02A-R8-L10	STAD 20 Thread	0.12 l/s 13.4 kPa	52151-020	** Generic Steel Pipes ** 20 (3/4")	1

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#1	Product	Technical Info	Article N°	Pipe	Qty
	Without drain PN 20	1.49 turns		0.327 m/s 91.3 Pa/m	
KN-01-R16-L10	STAD 20 Thread Without drain PN 20	0.12 l/s 40.6 kPa 0.84 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-01-R12-L10	STAD 20 Thread Without drain PN 20	0.12 l/s 32.1 kPa 1.00 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-01-R1-L10	STAD 20 Thread Without drain PN 20	0.12 l/s 13.4 kPa 1.49 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-02B-R5-L10	STAD 20 Thread Without drain PN 20	0.12 l/s 32.6 kPa 0.99 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-01-R2-L10	STAD 20 Thread Without drain PN 20	0.12 l/s 29.5 kPa 1.05 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-02-R15-L10	STAD 20 Thread Without drain PN 20	0.12 l/s 32.7 kPa 0.99 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-01-R4-L10A	STAD 20 Thread Without drain PN 20	0.12 l/s 13.6 kPa 1.48 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-01-R13-L10	STAD 20 Thread Without drain PN 20	0.12 l/s 13.4 kPa 1.49 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-03-R7-L11	STAD 20 Thread Without drain PN 20	0.12 l/s 10.7 kPa 1.61 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-01-R9-L11	STAD 20 Thread	0.12 l/s 33.2 kPa	52151-020	** Generic Steel Pipes ** 20 (3/4")	1

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#1	Product	Technical Info	Article N°	Pipe	Qty
	Without drain PN 20	0.98 turns		0.327 m/s 91.3 Pa/m	
KN-04B-R5-L11	STAD 20 Thread Without drain PN 20	0.12 l/s 31.8 kPa 1.01 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-01-R16-L11	STAD 20 Thread Without drain PN 20	0.12 l/s 39.6 kPa 0.86 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-04-R19-L11	STAD 20 Thread Without drain PN 20	0.12 l/s 24.7 kPa 1.15 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-03-R14-L11	STAD 20 Thread Without drain PN 20	0.12 l/s 10.7 kPa 1.61 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-01-R15-L11	STAD 20 Thread Without drain PN 20	0.12 l/s 30.8 kPa 1.02 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-04B-R6-L11	STAD 20 Thread Without drain PN 20	0.12 l/s 23.5 kPa 1.18 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-01-R10-L11	STAD 20 Thread Without drain PN 20	0.12 l/s 10.7 kPa 1.61 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-01-R11-L11	STAD 20 Thread Without drain PN 20	0.12 l/s 10.7 kPa 1.61 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-04-R20-L11	STAD 20 Thread Without drain PN 20	0.12 l/s 24.7 kPa 1.15 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-02-R1-L11	STAD 20 Thread	0.12 l/s 10.7 kPa	52151-020	** Generic Steel Pipes ** 20 (3/4")	1

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#1	Product	Technical Info	Article N°	Pipe	Qty
	Without drain PN 20	1.61 turns		0.327 m/s 91.3 Pa/m	
KN-01-R17-L11	STAD 20 Thread Without drain PN 20	0.12 l/s 10.7 kPa 1.61 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-02-R12-L11	STAD 20 Thread Without drain PN 20	0.12 l/s 30.9 kPa 1.02 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-01-R2-L11	STAD 20 Thread Without drain PN 20	0.12 l/s 27.4 kPa 1.09 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-01-R8-L11	STAD 20 Thread Without drain PN 20	0.12 l/s 10.7 kPa 1.61 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-01-R18-L11	STAD 20 Thread Without drain PN 20	0.12 l/s 10.7 kPa 1.61 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-01-R4-L11	STAD 20 Thread Without drain PN 20	0.12 l/s 10.9 kPa 1.60 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-01-R3-L11	STAD 20 Thread Without drain PN 20	0.12 l/s 10.7 kPa 1.61 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-01-R13-L11	STAD 20 Thread Without drain PN 20	0.12 l/s 10.7 kPa 1.61 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-02-R19-L11	STAD 20 Thread Without drain PN 20	0.12 l/s 24.5 kPa 1.16 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-01-R12-L11	STAD 20 Thread	0.12 l/s 30.7 kPa	52151-020	** Generic Steel Pipes ** 20 (3/4")	1

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#1	Product	Technical Info	Article N°	Pipe	Qty
	Without drain PN 20	1.03 turns		0.327 m/s 91.3 Pa/m	
DD01R11L11A	STAD 20 Thread Without drain PN 20	0.12 l/s 10.4 kPa 1.62 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-01-R1-L11	STAD 20 Thread Without drain PN 20	0.12 l/s 10.4 kPa 1.62 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-01-R9-L11	STAD 20 Thread Without drain PN 20	0.12 l/s 33 kPa 0.98 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-02A-R6-L11	STAD 20 Thread Without drain PN 20	0.12 l/s 23.2 kPa 1.19 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN03-R14-L11A	STAD 20 Thread Without drain PN 20	0.12 l/s 10.5 kPa 1.62 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN01-R18-L11A	STAD 20 Thread Without drain PN 20	0.12 l/s 10.5 kPa 1.62 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN01-R17-L11A	STAD 20 Thread Without drain PN 20	0.12 l/s 10.5 kPa 1.62 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-01-R16-L11	STAD 20 Thread Without drain PN 20	0.12 l/s 39.5 kPa 0.86 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-03-R7-L11A	STAD 20 Thread Without drain PN 20	0.12 l/s 10.5 kPa 1.62 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD01R10L11A	STAD 20 Thread	0.12 l/s 10.5 kPa	52151-020	** Generic Steel Pipes ** 20 (3/4")	1

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#1	Product	Technical Info	Article N°	Pipe	Qty
	Without drain PN 20	1.62 turns		0.327 m/s 91.3 Pa/m	
KN-01-R4-L11A	STAD 20 Thread Without drain PN 20	0.12 l/s 10.6 kPa 1.61 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-02A-R8-L11	STAD 20 Thread Without drain PN 20	0.12 l/s 10.5 kPa 1.62 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-02-R20-L11	STAD 20 Thread Without drain PN 20	0.12 l/s 24.5 kPa 1.16 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-02-R15-L11	STAD 20 Thread Without drain PN 20	0.12 l/s 30.6 kPa 1.03 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-01-R2-L11	STAD 20 Thread Without drain PN 20	0.12 l/s 27.1 kPa 1.10 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-01-R13-L11	STAD 20 Thread Without drain PN 20	0.12 l/s 10.5 kPa 1.62 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-01-R3-L11A	STAD 20 Thread Without drain PN 20	0.12 l/s 10.4 kPa 1.62 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-02B-R5-L11	STAD 20 Thread Without drain PN 20	0.12 l/s 30.4 kPa 1.03 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-01-R4-L12	STAD 20 Thread Without drain PN 20	0.12 l/s 9.04 kPa 1.69 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-01-R13-L12	STAD 20 Thread	0.12 l/s 9.1 kPa	52151-020	** Generic Steel Pipes ** 20 (3/4")	1

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#1	Product	Technical Info	Article N°	Pipe	Qty
	Without drain PN 20	1.69 turns		0.327 m/s 91.3 Pa/m	
KN-02-R12-L12	STAD 20 Thread Without drain PN 20	0.12 l/s 29.7 kPa 1.05 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-03-R7-L12	STAD 20 Thread Without drain PN 20	0.12 l/s 9.1 kPa 1.69 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-01-R8-L12	STAD 20 Thread Without drain PN 20	0.12 l/s 9.1 kPa 1.69 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-01-R11-L12	STAD 20 Thread Without drain PN 20	0.12 l/s 9.04 kPa 1.69 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-04-R19-L12	STAD 20 Thread Without drain PN 20	0.12 l/s 22.7 kPa 1.20 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-01-R17-L12	STAD 20 Thread Without drain PN 20	0.12 l/s 9.1 kPa 1.69 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-04-R20-L12	STAD 20 Thread Without drain PN 20	0.12 l/s 22.7 kPa 1.20 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-01-R18-L12	STAD 20 Thread Without drain PN 20	0.12 l/s 9.1 kPa 1.69 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-02-R1-L12	STAD 20 Thread Without drain PN 20	0.12 l/s 9.04 kPa 1.69 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-01-R2-L12	STAD 20 Thread	0.12 l/s 25.3 kPa	52151-020	** Generic Steel Pipes ** 20 (3/4")	1

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#1	Product	Technical Info	Article N°	Pipe	Qty
	Without drain PN 20	1.14 turns		0.327 m/s 91.3 Pa/m	
DD-01-R15-L12	STAD 20 Thread Without drain PN 20	0.12 l/s 29.1 kPa 1.06 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-01-R16-L12	STAD 20 Thread Without drain PN 20	0.12 l/s 38.6 kPa 0.88 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-03-R14-L12	STAD 20 Thread Without drain PN 20	0.12 l/s 9.1 kPa 1.69 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-04B-R5-L12	STAD 20 Thread Without drain PN 20	0.12 l/s 27.8 kPa 1.08 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-01-R3-L12	STAD 20 Thread Without drain PN 20	0.12 l/s 9.04 kPa 1.69 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-01-R9-L12	STAD 20 Thread Without drain PN 20	0.12 l/s 32.1 kPa 1.00 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-01-R10-L12	STAD 20 Thread Without drain PN 20	0.12 l/s 9.1 kPa 1.69 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-04B-R6-L12	STAD 20 Thread Without drain PN 20	0.12 l/s 21.5 kPa 1.23 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-03-R7-L12A	STAD 20 Thread Without drain PN 20	0.12 l/s 8.93 kPa 1.70 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-01-R12-L12	STAD 20 Thread	0.12 l/s 29.5 kPa	52151-020	** Generic Steel Pipes ** 20 (3/4")	1

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#1	Product	Technical Info	Article N°	Pipe	Qty
	Without drain PN 20	1.05 turns		0.327 m/s 91.3 Pa/m	
KN-02-R15-L12	STAD 20 Thread Without drain PN 20	0.12 l/s 28.9 kPa 1.06 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-01-R16-L12	STAD 20 Thread Without drain PN 20	0.12 l/s 37.2 kPa 0.91 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-02B-R5-L12	STAD 20 Thread Without drain PN 20	0.12 l/s 27.5 kPa 1.09 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN01-R18-L12A	STAD 20 Thread Without drain PN 20	0.12 l/s 8.93 kPa 1.70 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN01-R17-L12A	STAD 20 Thread Without drain PN 20	0.12 l/s 8.93 kPa 1.70 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-02-R20-L12	STAD 20 Thread Without drain PN 20	0.12 l/s 22.5 kPa 1.20 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-02A-R6-L12	STAD 20 Thread Without drain PN 20	0.12 l/s 21.3 kPa 1.24 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-02-R19-L12	STAD 20 Thread Without drain PN 20	0.12 l/s 22.5 kPa 1.20 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-01-R3-L12A	STAD 20 Thread Without drain PN 20	0.12 l/s 8.88 kPa 1.70 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-01-R4-L12A	STAD 20 Thread	0.12 l/s 8.88 kPa	52151-020	** Generic Steel Pipes ** 20 (3/4")	1

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#1	Product	Technical Info	Article N°	Pipe	Qty
	Without drain PN 20	1.70 turns		0.327 m/s 91.3 Pa/m	
KN03-R14-L12A	STAD 20 Thread Without drain PN 20	0.12 l/s 8.93 kPa 1.70 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD01R11L12A	STAD 20 Thread Without drain PN 20	0.12 l/s 8.88 kPa 1.70 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-01-R1-L12	STAD 20 Thread Without drain PN 20	0.12 l/s 8.88 kPa 1.70 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-01-R9-L12	STAD 20 Thread Without drain PN 20	0.12 l/s 32 kPa 1.00 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD01R10L12A	STAD 20 Thread Without drain PN 20	0.12 l/s 8.93 kPa 1.70 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-02A-R8-L12	STAD 20 Thread Without drain PN 20	0.12 l/s 8.93 kPa 1.70 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-01-R13-L12	STAD 20 Thread Without drain PN 20	0.12 l/s 8.93 kPa 1.70 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-01-R2-L12	STAD 20 Thread Without drain PN 20	0.12 l/s 25.1 kPa 1.14 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-01-R17-L13	STAD 20 Thread Without drain PN 20	0.12 l/s 5.99 kPa 1.91 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-01-R10-L13	STAD 20 Thread	0.12 l/s 5.99 kPa	52151-020	** Generic Steel Pipes ** 20 (3/4")	1

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#1	Product	Technical Info	Article N°	Pipe	Qty
	Without drain PN 20	1.91 turns		0.327 m/s 91.3 Pa/m	
KN-04B-R6-L13	STAD 20 Thread Without drain PN 20	0.12 l/s 19.9 kPa 1.28 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-01-R11-L13	STAD 20 Thread Without drain PN 20	0.12 l/s 5.94 kPa 1.92 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-01-R2-L13	STAD 20 Thread Without drain PN 20	0.12 l/s 23.6 kPa 1.18 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-01-R9-L13	STAD 20 Thread Without drain PN 20	0.12 l/s 28.1 kPa 1.08 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-02-R12-L13	STAD 20 Thread Without drain PN 20	0.12 l/s 28.6 kPa 1.07 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-04-R20-L13	STAD 20 Thread Without drain PN 20	0.12 l/s 21.1 kPa 1.24 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-01-R18-L13	STAD 20 Thread Without drain PN 20	0.12 l/s 5.99 kPa 1.91 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-01-R13-L13	STAD 20 Thread Without drain PN 20	0.12 l/s 5.99 kPa 1.91 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-03-R14-L13	STAD 20 Thread Without drain PN 20	0.12 l/s 5.99 kPa 1.91 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-04-R19-L13	STAD 20 Thread	0.12 l/s 21.1 kPa	52151-020	** Generic Steel Pipes ** 20 (3/4")	1

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#1	Product	Technical Info	Article N°	Pipe	Qty
	Without drain PN 20	1.24 turns		0.327 m/s 91.3 Pa/m	
KN-03-R7-L13	STAD 20 Thread Without drain PN 20	0.12 l/s 5.99 kPa 1.91 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-04B-R5-L13	STAD 20 Thread Without drain PN 20	0.12 l/s 25.3 kPa 1.14 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-01-R16-L13	STAD 20 Thread Without drain PN 20	0.12 l/s 34.4 kPa 0.96 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-01-R8-L13	STAD 20 Thread Without drain PN 20	0.12 l/s 5.99 kPa 1.91 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-01-R15-L13	STAD 20 Thread Without drain PN 20	0.12 l/s 27.7 kPa 1.09 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-01-R3-L13	STAD 20 Thread Without drain PN 20	0.12 l/s 5.94 kPa 1.92 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-02-R1-L13	STAD 20 Thread Without drain PN 20	0.12 l/s 5.94 kPa 1.92 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-01-R4-L13	STAD 20 Thread Without drain PN 20	0.12 l/s 5.94 kPa 1.92 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-02A-R6-L13	STAD 20 Thread Without drain PN 20	0.12 l/s 19.7 kPa 1.28 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-01-R2-L13	STAD 20 Thread	0.12 l/s 23.5 kPa	52151-020	** Generic Steel Pipes ** 20 (3/4")	1

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#1	Product	Technical Info	Article N°	Pipe	Qty
	Without drain PN 20	1.18 turns		0.327 m/s 91.3 Pa/m	
KN01-R18-L13A	STAD 20 Thread Without drain PN 20	0.12 l/s 5.76 kPa 1.94 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN03-R14-L13A	STAD 20 Thread Without drain PN 20	0.12 l/s 5.76 kPa 1.94 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-02A-R8-L13	STAD 20 Thread Without drain PN 20	0.12 l/s 5.76 kPa 1.94 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN01-R17-L13A	STAD 20 Thread Without drain PN 20	0.12 l/s 5.76 kPa 1.94 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-01-R1-L13	STAD 20 Thread Without drain PN 20	0.12 l/s 5.7 kPa 1.94 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-02-R19-L13	STAD 20 Thread Without drain PN 20	0.12 l/s 20.9 kPa 1.25 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-01-R16-L13	STAD 20 Thread Without drain PN 20	0.12 l/s 34.1 kPa 0.97 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-03-R7-L13A	STAD 20 Thread Without drain PN 20	0.12 l/s 5.76 kPa 1.94 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD01R11L13A	STAD 20 Thread Without drain PN 20	0.12 l/s 5.7 kPa 1.94 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-02B-R5-L13	STAD 20 Thread	0.12 l/s 25 kPa	52151-020	** Generic Steel Pipes ** 20 (3/4")	1

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#1	Product	Technical Info	Article N°	Pipe	Qty
	Without drain PN 20	1.14 turns		0.327 m/s 91.3 Pa/m	
DD-02-R20-L13	STAD 20 Thread Without drain PN 20	0.12 l/s 20.9 kPa 1.25 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-02-R15-L13	STAD 20 Thread Without drain PN 20	0.12 l/s 27.5 kPa 1.09 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD01R10L13A	STAD 20 Thread Without drain PN 20	0.12 l/s 5.76 kPa 1.94 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-01-R13-L13	STAD 20 Thread Without drain PN 20	0.12 l/s 5.76 kPa 1.94 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-01-R9-L13	STAD 20 Thread Without drain PN 20	0.12 l/s 27.7 kPa 1.08 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-01-R3-L13A	STAD 20 Thread Without drain PN 20	0.12 l/s 5.7 kPa 1.94 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-01-R12-L13	STAD 20 Thread Without drain PN 20	0.12 l/s 28.5 kPa 1.07 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-01-R4-L13A	STAD 20 Thread Without drain PN 20	0.12 l/s 5.7 kPa 1.94 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-01-R2-L14	STAD 20 Thread Without drain PN 20	0.12 l/s 22.2 kPa 1.21 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-04B-R5-L14	STAD 20 Thread	0.12 l/s 23 kPa	52151-020	** Generic Steel Pipes ** 20 (3/4")	1

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#1	Product	Technical Info	Article N°	Pipe	Qty
	Without drain PN 20	1.19 turns		0.327 m/s 91.3 Pa/m	
DD-01-R9-L14	STAD 20 Thread Without drain PN 20	0.12 l/s 24.9 kPa 1.15 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-01-R10-L14	STAD 20 Thread Without drain PN 20	0.12 l/s 3.05 kPa 2.33 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-01-R8-L14	STAD 20 Thread Without drain PN 20	0.12 l/s 3.05 kPa 2.33 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-03-R14-L14	STAD 20 Thread Without drain PN 20	0.12 l/s 3.05 kPa 2.33 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-04-R20-L14	STAD 20 Thread Without drain PN 20	0.12 l/s 19.7 kPa 1.28 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-02-R12-L14	STAD 20 Thread Without drain PN 20	0.12 l/s 27.5 kPa 1.09 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-01-R18-L14	STAD 20 Thread Without drain PN 20	0.12 l/s 3.05 kPa 2.33 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-01-R15-L14	STAD 20 Thread Without drain PN 20	0.12 l/s 26.4 kPa 1.11 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-02-R1-L14	STAD 20 Thread Without drain PN 20	0.12 l/s 3 kPa 2.34 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-01-R11-L14	STAD 20 Thread	0.12 l/s 3 kPa	52151-020	** Generic Steel Pipes ** 20 (3/4")	1

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#1	Product	Technical Info	Article N°	Pipe	Qty
	Without drain PN 20	2.34 turns		0.327 m/s 91.3 Pa/m	
KN-01-R13-L14	STAD 20 Thread Without drain PN 20	0.12 l/s 3.05 kPa 2.33 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-01-R4-L14	STAD 20 Thread Without drain PN 20	0.12 l/s 3 kPa 2.34 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-01-R17-L14	STAD 20 Thread Without drain PN 20	0.12 l/s 3.05 kPa 2.33 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-03-R7-L14	STAD 20 Thread Without drain PN 20	0.12 l/s 3.05 kPa 2.33 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-01-R16-L14	STAD 20 Thread Without drain PN 20	0.12 l/s 31.4 kPa 1.01 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-01-R3-L14	STAD 20 Thread Without drain PN 20	0.12 l/s 3 kPa 2.34 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-04-R19-L14	STAD 20 Thread Without drain PN 20	0.12 l/s 19.7 kPa 1.28 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-04B-R6-L14	STAD 20 Thread Without drain PN 20	0.12 l/s 18.4 kPa 1.32 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-01-R4-L14A	STAD 20 Thread Without drain PN 20	0.12 l/s 3.09 kPa 2.32 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-02A-R6-L14	STAD 20 Thread	0.12 l/s 18.3 kPa	52151-020	** Generic Steel Pipes ** 20 (3/4")	1

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	Without drain PN 20	1.32 turns		0.327 m/s 91.3 Pa/m	
KN-02A-R8-L14	STAD 20 Thread Without drain PN 20	0.12 l/s 3 kPa 2.34 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-02-R15-L14	STAD 20 Thread Without drain PN 20	0.12 l/s 25.4 kPa 1.14 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-01-R12-L14	STAD 20 Thread Without drain PN 20	0.12 l/s 26.1 kPa 1.12 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-03-R7-L14A	STAD 20 Thread Without drain PN 20	0.12 l/s 3 kPa 2.34 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD01R1-L14A	STAD 20 Thread Without drain PN 20	0.12 l/s 3.09 kPa 2.32 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-01-R13-L14	STAD 20 Thread Without drain PN 20	0.12 l/s 3 kPa 2.34 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-01-R9-L14	STAD 20 Thread Without drain PN 20	0.12 l/s 24.6 kPa 1.15 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-01-R1-L14	STAD 20 Thread Without drain PN 20	0.12 l/s 3.09 kPa 2.32 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-02-R19-L14	STAD 20 Thread Without drain PN 20	0.12 l/s 19.5 kPa 1.28 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN03-R14-L14A	STAD 20 Thread	0.12 l/s 3 kPa	52151-020	** Generic Steel Pipes ** 20 (3/4")	1

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#1	Product	Technical Info	Article N°	Pipe	Qty
	Without drain PN 20	2.34 turns		0.327 m/s 91.3 Pa/m	
DD-01-R2-L14	STAD 20 Thread Without drain PN 20	0.12 l/s 22 kPa 1.22 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-02B-R5-L14	STAD 20 Thread Without drain PN 20	0.12 l/s 22.8 kPa 1.20 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD01R10L14A	STAD 20 Thread Without drain PN 20	0.12 l/s 3 kPa 2.34 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-01-R3-L14A	STAD 20 Thread Without drain PN 20	0.12 l/s 3.23 kPa 2.29 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN-01-R16-L14	STAD 20 Thread Without drain PN 20	0.12 l/s 31.1 kPa 1.02 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
DD-02-R20-L14	STAD 20 Thread Without drain PN 20	0.12 l/s 19.5 kPa 1.28 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN01-R17-L14A	STAD 20 Thread Without drain PN 20	0.12 l/s 3 kPa 2.34 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
KN01-R18-L14A	STAD 20 Thread Without drain PN 20	0.12 l/s 3 kPa 2.34 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
FHL153B301R2	STAD 20 Thread Without drain PN 20	0.12 l/s 15.6 kPa 1.41 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
FHL163B301R2	STAD 20 Thread	0.12 l/s 12 kPa	52151-020	** Generic Steel Pipes ** 20 (3/4")	1

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#1	Product	Technical Info	Article N°	Pipe	Qty
	Without drain PN 20	1.55 turns		0.327 m/s 91.3 Pa/m	
FHL186B08	STAD 20 Thread Without drain PN 20	0.16 l/s 6.71 kPa 2.19 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.437 m/s 153 Pa/m	1
FCU-H-L14-01	STAD 20 Thread Without drain PN 20	0.16 l/s 3 kPa 2.75 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.437 m/s 153 Pa/m	1
FL153B101R19	STAD 20 Thread Without drain PN 20	0.12 l/s 14.8 kPa 1.44 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
FCUHL186B06	STAD 20 Thread Without drain PN 20	0.12 l/s 7.08 kPa 1.82 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
FL173B101R20	STAD 20 Thread Without drain PN 20	0.12 l/s 9.9 kPa 1.65 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
FL153B201R15	STAD 20 Thread Without drain PN 20	0.12 l/s 18 kPa 1.33 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
FHL163B101R6	STAD 20 Thread Without drain PN 20	0.12 l/s 10.4 kPa 1.62 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
FL153B101R20	STAD 20 Thread Without drain PN 20	0.12 l/s 14.8 kPa 1.44 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
FL163B101R20	STAD 20 Thread Without drain PN 20	0.12 l/s 11.4 kPa 1.57 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
FCUHL196B08	STAD 20 Thread	0.16 l/s 54.8 kPa	52151-020	** Generic Steel Pipes ** 20 (3/4")	1

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#1	Product	Technical Info	Article N°	Pipe	Qty
	Without drain PN 20	1.02 turns		0.437 m/s 153 Pa/m	
FHL196B06	STAD 20 Thread Without drain PN 20	0.12 l/s 49.4 kPa 0.67 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
PAU-H-L2-02	STAF 80 Flange Standard PN 16	5 l/s 3 kPa 7.04 turns	52181-080	** Generic Steel Pipes ** 80 (3") 0.975 m/s 126 Pa/m	1
FCU-H-L3-01	STAD 20 Thread Without drain PN 20	0.16 l/s 29 kPa 1.38 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.437 m/s 153 Pa/m	1
FHL172B401R5	STAD 20 Thread Without drain PN 20	0.12 l/s 13.9 kPa 1.47 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
FHL162B401R5	STAD 20 Thread Without drain PN 20	0.12 l/s 16 kPa 1.40 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
FCU-H-L4-01	STAD 20 Thread Without drain PN 20	0.16 l/s 26.8 kPa 1.42 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.437 m/s 153 Pa/m	1
FCU-H-L5-01	STAD 20 Thread Without drain PN 20	0.16 l/s 23.9 kPa 1.49 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.437 m/s 153 Pa/m	1
FCU-H-L6-01	STAD 20 Thread Without drain PN 20	0.16 l/s 22.4 kPa 1.52 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.437 m/s 153 Pa/m	1
FHL152B401R5	STAD 20 Thread Without drain PN 20	0.12 l/s 18.5 kPa 1.31 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
FL173B201R15	STAD 20 Thread	0.12 l/s 7.91 kPa	52151-020	** Generic Steel Pipes ** 20 (3/4")	1

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#1	Product	Technical Info	Article N°	Pipe	Qty
	Without drain PN 20	1.76 turns		0.327 m/s 91.3 Pa/m	
FL163B101R19	STAD 20 Thread Without drain PN 20	0.12 l/s 11.4 kPa 1.57 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
FL173B101R19	STAD 20 Thread Without drain PN 20	0.12 l/s 9.9 kPa 1.65 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
FCU-H-L7-01	STAD 20 Thread Without drain PN 20	0.16 l/s 23.1 kPa 1.51 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.437 m/s 153 Pa/m	1
FCU-H-L9-01	STAD 20 Thread Without drain PN 20	0.16 l/s 16 kPa 1.69 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.437 m/s 153 Pa/m	1
FCU-H-L10-01	STAD 20 Thread Without drain PN 20	0.16 l/s 13.3 kPa 1.79 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.437 m/s 153 Pa/m	1
FCU-H-L11-01	STAD 20 Thread Without drain PN 20	0.16 l/s 11.2 kPa 1.88 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.437 m/s 153 Pa/m	1
FCU-H-L8-01	STAD 20 Thread Without drain PN 20	0.16 l/s 18.4 kPa 1.62 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.437 m/s 153 Pa/m	1
FHL173B301R2	STAD 20 Thread Without drain PN 20	0.12 l/s 9.8 kPa 1.65 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
FL163B201R15	STAD 20 Thread Without drain PN 20	0.12 l/s 13.2 kPa 1.50 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
FCU-H-L12-01	STAD 20 Thread	0.16 l/s 8.86 kPa	52151-020	** Generic Steel Pipes ** 20 (3/4")	1

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#1	Product	Technical Info	Article N°	Pipe	Qty
	Without drain PN 20	2.02 turns		0.437 m/s 153 Pa/m	
FCU-H-L13-01	STAD 20 Thread Without drain PN 20	0.16 l/s 6.59 kPa 2.20 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.437 m/s 153 Pa/m	1
FHL173B101R6	STAD 20 Thread Without drain PN 20	0.12 l/s 8.88 kPa 1.70 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
FHL153B101R6	STAD 20 Thread Without drain PN 20	0.12 l/s 13.8 kPa 1.47 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
FCU-H-L13-02	STAD 15/14 Thread Without drain PN 20	0.06 l/s 13.3 kPa 2.04 turns	52151-014	** Generic Steel Pipes ** 15 (1/2") 0.298 m/s 114 Pa/m	1
FCU-H-L14-02	STAD 15/14 Thread Without drain PN 20	0.06 l/s 9.75 kPa 2.22 turns	52151-014	** Generic Steel Pipes ** 15 (1/2") 0.298 m/s 114 Pa/m	1
FHL153B302R2	STAD 20 Thread Without drain PN 20	0.16 l/s 8.79 kPa 2.03 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.437 m/s 153 Pa/m	1
FHL163B302R2	STAD 20 Thread Without drain PN 20	0.16 l/s 5.24 kPa 2.35 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.437 m/s 153 Pa/m	1
FL172B201R12	STAD 20 Thread Without drain PN 20	0.16 l/s 11 kPa 1.90 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.437 m/s 153 Pa/m	1
FHL162B402R5	STAD 20 Thread Without drain PN 20	0.11 l/s 17.2 kPa 1.26 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.3 m/s 78.2 Pa/m	1
FL163B303R16	STAD 20 Thread	0.11 l/s 20.6 kPa	52151-020	** Generic Steel Pipes ** 20 (3/4")	1

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#1	Product	Technical Info	Article N°	Pipe	Qty
	Without drain PN 20	1.16 turns		0.3 m/s 78.2 Pa/m	
FL173B303R16	STAD 20 Thread Without drain PN 20	0.11 l/s 16.4 kPa 1.28 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.3 m/s 78.2 Pa/m	1
FHL152B402R5	STAD 20 Thread Without drain PN 20	0.11 l/s 19.8 kPa 1.18 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.3 m/s 78.2 Pa/m	1
FL153B202R15	STAD 20 Thread Without drain PN 20	0.11 l/s 17.3 kPa 1.25 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.3 m/s 78.2 Pa/m	1
FL162B201R12	STAD 20 Thread Without drain PN 20	0.16 l/s 13.6 kPa 1.78 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.437 m/s 153 Pa/m	1
FHL172B402R5	STAD 20 Thread Without drain PN 20	0.11 l/s 15.2 kPa 1.33 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.3 m/s 78.2 Pa/m	1
FHL16DD03R9	STAD 20 Thread Without drain PN 20	0.12 l/s 17.1 kPa 1.36 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
FL163B202R15	STAD 20 Thread Without drain PN 20	0.11 l/s 12.5 kPa 1.43 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.3 m/s 78.2 Pa/m	1
FL173B202R15	STAD 20 Thread Without drain PN 20	0.11 l/s 7.2 kPa 1.72 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.3 m/s 78.2 Pa/m	1
FHL186B09	STAD 20 Thread Without drain PN 20	0.12 l/s 6.5 kPa 1.87 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
FHL173B102R6	STAD 20 Thread	0.16 l/s 4.22 kPa	52151-020	** Generic Steel Pipes ** 20 (3/4")	1

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#1	Product	Technical Info	Article N°	Pipe	Qty
	Without drain PN 20	2.50 turns		0.437 m/s 153 Pa/m	
FHL163B102R6	STAD 20 Thread Without drain PN 20	0.16 l/s 5.71 kPa 2.30 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.437 m/s 153 Pa/m	1
L153B303R16	STAD 20 Thread Without drain PN 20	0.11 l/s 26.4 kPa 1.01 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.3 m/s 78.2 Pa/m	1
FL152B201R12	STAD 20 Thread Without drain PN 20	0.16 l/s 15.9 kPa 1.70 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.437 m/s 153 Pa/m	1
FHL153B102R6	STAD 20 Thread Without drain PN 20	0.16 l/s 9.14 kPa 2.00 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.437 m/s 153 Pa/m	1
FL153B102R20	STAD 20 Thread Without drain PN 20	0.16 l/s 9.82 kPa 1.96 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.437 m/s 153 Pa/m	1
FL163B102R20	STAD 20 Thread Without drain PN 20	0.16 l/s 6.4 kPa 2.22 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.437 m/s 153 Pa/m	1
FL173B102R20	STAD 20 Thread Without drain PN 20	0.16 l/s 4.91 kPa 2.40 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.437 m/s 153 Pa/m	1
FL153B102R19	STAD 20 Thread Without drain PN 20	0.16 l/s 9.82 kPa 1.96 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.437 m/s 153 Pa/m	1
FCUHL186B07	STAD 20 Thread Without drain PN 20	0.12 l/s 3 kPa 2.34 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
FHL15DD03R9	STAD 20 Thread	0.12 l/s 18.9 kPa	52151-020	** Generic Steel Pipes ** 20 (3/4")	1

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#1	Product	Technical Info	Article N°	Pipe	Qty
	Without drain PN 20	1.30 turns		0.327 m/s 91.3 Pa/m	
FCUHL196B09	STAD 20 Thread Without drain PN 20	0.12 l/s 54.6 kPa 0.61 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
FL163B102R19	STAD 20 Thread Without drain PN 20	0.16 l/s 6.4 kPa 2.22 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.437 m/s 153 Pa/m	1
FHL196B07	STAD 20 Thread Without drain PN 20	0.12 l/s 45.3 kPa 0.74 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
FL173B102R19	STAD 20 Thread Without drain PN 20	0.16 l/s 4.91 kPa 2.40 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.437 m/s 153 Pa/m	1
FCU-H-M-03A	STAD 20 Thread Without drain PN 20	0.24 l/s 38.1 kPa 1.66 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.655 m/s 318 Pa/m	1
FCU-H-L3-02	STAD 15/14 Thread Without drain PN 20	0.06 l/s 36.3 kPa 1.60 turns	52151-014	** Generic Steel Pipes ** 15 (1/2") 0.298 m/s 114 Pa/m	1
FCU-H-L4-02	STAD 15/14 Thread Without drain PN 20	0.06 l/s 34.1 kPa 1.63 turns	52151-014	** Generic Steel Pipes ** 15 (1/2") 0.298 m/s 114 Pa/m	1
FCU-H-L5-02	STAD 15/14 Thread Without drain PN 20	0.06 l/s 31.1 kPa 1.66 turns	52151-014	** Generic Steel Pipes ** 15 (1/2") 0.298 m/s 114 Pa/m	1
FCU-H-L6-02	STAD 15/14 Thread Without drain PN 20	0.06 l/s 29.6 kPa 1.68 turns	52151-014	** Generic Steel Pipes ** 15 (1/2") 0.298 m/s 114 Pa/m	1
FHL17DD03R9	STAD 20 Thread	0.12 l/s 15 kPa	52151-020	** Generic Steel Pipes ** 20 (3/4")	1

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#1	Product	Technical Info	Article N°	Pipe	Qty
	Without drain PN 20	1.43 turns		0.327 m/s 91.3 Pa/m	
FHL173B302R2	STAD 20 Thread Without drain PN 20	0.16 l/s 3 kPa 2.75 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.437 m/s 153 Pa/m	1
FCU-H-L7-02	STAD 15/14 Thread Without drain PN 20	0.06 l/s 29.8 kPa 1.68 turns	52151-014	** Generic Steel Pipes ** 15 (1/2") 0.298 m/s 114 Pa/m	1
FCU-H-L8-02	STAD 15/14 Thread Without drain PN 20	0.06 l/s 25.1 kPa 1.75 turns	52151-014	** Generic Steel Pipes ** 15 (1/2") 0.298 m/s 114 Pa/m	1
FCU-H-L9-02	STAD 15/14 Thread Without drain PN 20	0.06 l/s 22.8 kPa 1.79 turns	52151-014	** Generic Steel Pipes ** 15 (1/2") 0.298 m/s 114 Pa/m	1
FCU-H-L10-02	STAD 15/14 Thread Without drain PN 20	0.06 l/s 20.1 kPa 1.84 turns	52151-014	** Generic Steel Pipes ** 15 (1/2") 0.298 m/s 114 Pa/m	1
FCU-H-L11-02	STAD 15/14 Thread Without drain PN 20	0.06 l/s 18 kPa 1.89 turns	52151-014	** Generic Steel Pipes ** 15 (1/2") 0.298 m/s 114 Pa/m	1
FCU-H-L12-02	STAD 15/14 Thread Without drain PN 20	0.06 l/s 15.6 kPa 1.95 turns	52151-014	** Generic Steel Pipes ** 15 (1/2") 0.298 m/s 114 Pa/m	1
FL153B203R15	STAD 20 Thread Without drain PN 20	0.12 l/s 14 kPa 1.47 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
FL173B103R19	STAD 20 Thread Without drain PN 20	0.12 l/s 5.55 kPa 1.96 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
FL162B202R12	STAD 20 Thread	0.11 l/s 18 kPa	52151-020	** Generic Steel Pipes ** 20 (3/4")	1

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#1	Product	Technical Info	Article N°	Pipe	Qty
	Without drain PN 20	1.23 turns		0.3 m/s 78.2 Pa/m	
FHL163B103R6	STAD 20 Thread Without drain PN 20	0.12 l/s 6.62 kPa 1.86 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
FHL153B103R6	STAD 20 Thread Without drain PN 20	0.12 l/s 10 kPa 1.64 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
FHL153B303R2	STAD 20 Thread Without drain PN 20	0.11 l/s 12.5 kPa 1.43 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.3 m/s 78.2 Pa/m	1
FH152B301R5	STAD 20 Thread Without drain PN 20	0.12 l/s 13.4 kPa 1.49 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
FL163B103R19	STAD 20 Thread Without drain PN 20	0.12 l/s 7.04 kPa 1.83 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
FHL173B103R6	STAD 20 Thread Without drain PN 20	0.12 l/s 5.13 kPa 2.01 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
FL173B103R20	STAD 20 Thread Without drain PN 20	0.12 l/s 5.55 kPa 1.96 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
FHL162B301R5	STAD 20 Thread Without drain PN 20	0.12 l/s 10.9 kPa 1.60 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
F-L163B303R2	STAD 20 Thread Without drain PN 20	0.11 l/s 9 kPa 1.61 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.3 m/s 78.2 Pa/m	1
FL153B103R19	STAD 20 Thread	0.12 l/s 10.5 kPa	52151-020	** Generic Steel Pipes ** 20 (3/4")	1

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#1	Product	Technical Info	Article N°	Pipe	Qty
	Without drain PN 20	1.62 turns		0.327 m/s 91.3 Pa/m	
FHL186B10	STAD 20 Thread Without drain PN 20	0.12 l/s 3 kPa 2.34 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
FL153B103R20	STAD 20 Thread Without drain PN 20	0.12 l/s 10.5 kPa 1.62 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
FHL162B011R9	STAD 20 Thread Without drain PN 20	0.12 l/s 13.2 kPa 1.50 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
FCUHL196B10	STAD 20 Thread Without drain PN 20	0.12 l/s 51.1 kPa 0.65 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
FL163B103R20	STAD 20 Thread Without drain PN 20	0.12 l/s 7.04 kPa 1.83 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
FL173B203R15	STAD 20 Thread Without drain PN 20	0.12 l/s 3.88 kPa 2.17 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
FL173B304R16	STAD 20 Thread Without drain PN 20	0.11 l/s 11.6 kPa 1.47 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.3 m/s 78.2 Pa/m	1
L153B304R16	STAD 20 Thread Without drain PN 20	0.11 l/s 21.6 kPa 1.13 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.3 m/s 78.2 Pa/m	1
FHL172B301R5	STAD 20 Thread Without drain PN 20	0.12 l/s 8.83 kPa 1.71 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
FL152B202R12	STAD 20 Thread	0.11 l/s 20.2 kPa	52151-020	** Generic Steel Pipes ** 20 (3/4")	1

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#1	Product	Technical Info	Article N°	Pipe	Qty
	Without drain PN 20	1.17 turns		0.3 m/s 78.2 Pa/m	
FHL173B303R2	STAD 20 Thread	0.11 l/s 6.76 kPa	52151-020	** Generic Steel Pipes ** 20 (3/4")	1
	Without drain PN 20	1.76 turns		0.3 m/s 78.2 Pa/m	
FHL172B101R9	STAD 20 Thread	0.12 l/s 10.9 kPa	52151-020	** Generic Steel Pipes ** 20 (3/4")	1
	Without drain PN 20	1.60 turns		0.327 m/s 91.3 Pa/m	
FHL152B101R9	STAD 20 Thread	0.12 l/s 15 kPa	52151-020	** Generic Steel Pipes ** 20 (3/4")	1
	Without drain PN 20	1.43 turns		0.327 m/s 91.3 Pa/m	
FL172B202R12	STAD 20 Thread	0.11 l/s 15.3 kPa	52151-020	** Generic Steel Pipes ** 20 (3/4")	1
	Without drain PN 20	1.32 turns		0.3 m/s 78.2 Pa/m	
FL163B304R16	STAD 20 Thread	0.11 l/s 15.8 kPa	52151-020	** Generic Steel Pipes ** 20 (3/4")	1
	Without drain PN 20	1.31 turns		0.3 m/s 78.2 Pa/m	
FL163B203R15	STAD 20 Thread	0.12 l/s 9.19 kPa	52151-020	** Generic Steel Pipes ** 20 (3/4")	1
	Without drain PN 20	1.68 turns		0.327 m/s 91.3 Pa/m	
FL163B204R15	STAD 20 Thread	0.12 l/s 8.3 kPa	52151-020	** Generic Steel Pipes ** 20 (3/4")	1
	Without drain PN 20	1.74 turns		0.327 m/s 91.3 Pa/m	
FL163B104R19	STAD 20 Thread	0.12 l/s 4.49 kPa	52151-020	** Generic Steel Pipes ** 20 (3/4")	1
	Without drain PN 20	2.08 turns		0.327 m/s 91.3 Pa/m	
FHL163B104R6	STAD 20 Thread	0.12 l/s 4.49 kPa	52151-020	** Generic Steel Pipes ** 20 (3/4")	1
	Without drain PN 20	2.08 turns		0.327 m/s 91.3 Pa/m	
FL162B301R12	STAD 20 Thread	0.12 l/s 11.2 kPa	52151-020	** Generic Steel Pipes ** 20 (3/4")	1

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#1	Product	Technical Info	Article N°	Pipe	Qty
	Without drain PN 20	1.58 turns		0.327 m/s 91.3 Pa/m	
FL173B104R19	STAD 20 Thread Without drain PN 20	0.12 l/s 3 kPa 2.34 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
FHL172B302R5	STAD 20 Thread Without drain PN 20	0.11 l/s 9.37 kPa 1.59 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.3 m/s 78.2 Pa/m	1
FHL172B102R9	STAD 20 Thread Without drain PN 20	0.11 l/s 9.76 kPa 1.56 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.3 m/s 78.2 Pa/m	1
FL153B204R15	STAD 20 Thread Without drain PN 20	0.12 l/s 13.1 kPa 1.50 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
FHL173B304R2	STAD 20 Thread Without drain PN 20	0.14 l/s 3.3 kPa 2.49 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.382 m/s 120 Pa/m	1
FL153B104R20	STAD 20 Thread Without drain PN 20	0.12 l/s 7.91 kPa 1.76 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
FL152B301R12	STAD 20 Thread Without drain PN 20	0.12 l/s 13.5 kPa 1.49 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
FHL152B102R9	STAD 20 Thread Without drain PN 20	0.11 l/s 13.6 kPa 1.39 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.3 m/s 78.2 Pa/m	1
FL172B101R16	STAD 20 Thread Without drain PN 20	0.12 l/s 7.89 kPa 1.76 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
FL162B101R16	STAD 20 Thread	0.12 l/s 12 kPa	52151-020	** Generic Steel Pipes ** 20 (3/4")	1

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#1	Product	Technical Info	Article N°	Pipe	Qty
	Without drain PN 20	1.55 turns		0.327 m/s 91.3 Pa/m	
FHL152B302R5	STAD 20 Thread Without drain PN 20	0.11 l/s 13.9 kPa 1.38 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.3 m/s 78.2 Pa/m	1
L152B101R16	STAD 20 Thread Without drain PN 20	0.12 l/s 17.9 kPa 1.33 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
FHL162B302R5	STAD 20 Thread Without drain PN 20	0.11 l/s 11.4 kPa 1.48 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.3 m/s 78.2 Pa/m	1
FL163B104R20	STAD 20 Thread Without drain PN 20	0.12 l/s 4.49 kPa 2.08 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
FL173B204R15	STAD 20 Thread Without drain PN 20	0.12 l/s 3 kPa 2.34 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
FL173B104R20	STAD 20 Thread Without drain PN 20	0.12 l/s 3 kPa 2.34 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
FL172B301R12	STAD 20 Thread Without drain PN 20	0.12 l/s 8.58 kPa 1.72 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
FHL162B102R9	STAD 20 Thread Without drain PN 20	0.11 l/s 11.9 kPa 1.46 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.3 m/s 78.2 Pa/m	1
FL153B104R19	STAD 20 Thread Without drain PN 20	0.12 l/s 7.91 kPa 1.76 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
FHL163B304R2	STAD 20 Thread	0.14 l/s 5.54 kPa	52151-020	** Generic Steel Pipes ** 20 (3/4")	1

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#1	Product	Technical Info	Article N°	Pipe	Qty
	Without drain PN 20	2.14 turns		0.382 m/s 120 Pa/m	
FHL153B304R2	STAD 20 Thread Without drain PN 20	0.14 l/s 9.09 kPa 1.85 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.382 m/s 120 Pa/m	1
FHL153B104R6	STAD 20 Thread Without drain PN 20	0.12 l/s 7.91 kPa 1.76 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
FHL173B104R6	STAD 20 Thread Without drain PN 20	0.12 l/s 3 kPa 2.34 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
FL162B302R12	STAD 20 Thread Without drain PN 20	0.11 l/s 12 kPa 1.46 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.3 m/s 78.2 Pa/m	1
FL172B302R12	STAD 20 Thread Without drain PN 20	0.11 l/s 9.33 kPa 1.59 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.3 m/s 78.2 Pa/m	1
FL172B102R16	STAD 20 Thread Without drain PN 20	0.11 l/s 7.39 kPa 1.71 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.3 m/s 78.2 Pa/m	1
FHL172B201R5	STAD 20 Thread Without drain PN 20	0.12 l/s 3.64 kPa 2.21 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
L152B102R16	STAD 20 Thread Without drain PN 20	0.11 l/s 17.4 kPa 1.25 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.3 m/s 78.2 Pa/m	1
FHL152B201R5	STAD 20 Thread Without drain PN 20	0.12 l/s 8.21 kPa 1.74 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
FHL162B201R5	STAD 20 Thread	0.12 l/s 5.66 kPa	52151-020	** Generic Steel Pipes ** 20 (3/4")	1

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#1	Product	Technical Info	Article N°	Pipe	Qty
	Without drain PN 20	1.95 turns		0.327 m/s 91.3 Pa/m	
FL162B102R16	STAD 20 Thread Without drain PN 20	0.11 l/s 11.5 kPa 1.48 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.3 m/s 78.2 Pa/m	1
FL152B302R12	STAD 20 Thread Without drain PN 20	0.11 l/s 14.2 kPa 1.36 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.3 m/s 78.2 Pa/m	1
L15DD03R16	STAD 20 Thread Without drain PN 20	0.12 l/s 13 kPa 1.50 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
FL162B501R12	STAD 20 Thread Without drain PN 20	0.12 l/s 5.95 kPa 1.92 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
FL152B501R12	STAD 20 Thread Without drain PN 20	0.12 l/s 8.18 kPa 1.75 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
FL172B501R12	STAD 20 Thread Without drain PN 20	0.12 l/s 3.29 kPa 2.28 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
FL17DD03R16	STAD 20 Thread Without drain PN 20	0.12 l/s 3 kPa 2.34 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
FHL162B202R5	STAD 20 Thread Without drain PN 20	0.11 l/s 5.02 kPa 1.92 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.3 m/s 78.2 Pa/m	1
FHL172B202R5	STAD 20 Thread Without drain PN 20	0.11 l/s 3 kPa 2.23 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.3 m/s 78.2 Pa/m	1
FHL152B202R5	STAD 20 Thread	0.11 l/s 7.57 kPa	52151-020	** Generic Steel Pipes ** 20 (3/4")	1

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#1	Product	Technical Info	Article N°	Pipe	Qty
	Without drain PN 20	1.70 turns		0.3 m/s 78.2 Pa/m	
FL16DD03R16	STAD 20 Thread Without drain PN 20	0.12 l/s 7.15 kPa 1.82 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
FL162B502R12	STAD 20 Thread Without drain PN 20	0.11 l/s 5.66 kPa 1.85 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.3 m/s 78.2 Pa/m	1
FL172B502R12	STAD 20 Thread Without drain PN 20	0.11 l/s 3 kPa 2.23 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.3 m/s 78.2 Pa/m	1
FL152B502R12	STAD 20 Thread Without drain PN 20	0.11 l/s 7.89 kPa 1.67 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.3 m/s 78.2 Pa/m	1
L153B301R16	STAD 20 Thread Without drain PN 20	0.12 l/s 24.3 kPa 1.16 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
L173B301R16	STAD 20 Thread Without drain PN 20	0.12 l/s 14.2 kPa 1.46 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
FCU-H-L16-01	STAD 20 Thread Without drain PN 20	0.16 l/s 8.44 kPa 2.05 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.437 m/s 153 Pa/m	1
FHL1501R12	STAD 20 Thread Without drain PN 20	0.16 l/s 10.7 kPa 1.91 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.437 m/s 153 Pa/m	1
FHL154B101R9	STAD 20 Thread Without drain PN 20	0.12 l/s 18.2 kPa 1.32 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
FHL174B101R9	STAD 20 Thread	0.12 l/s 14.3 kPa	52151-020	** Generic Steel Pipes ** 20 (3/4")	1

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#1	Product	Technical Info	Article N°	Pipe	Qty
	Without drain PN 20	1.46 turns		0.327 m/s 91.3 Pa/m	
FHL164B101R9	STAD 20 Thread Without drain PN 20	0.12 l/s 16.4 kPa 1.38 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
FCU-H-L17-01	STAD 20 Thread Without drain PN 20	0.16 l/s 5.78 kPa 2.29 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.437 m/s 153 Pa/m	1
L163B301R16	STAD 20 Thread Without drain PN 20	0.12 l/s 18.4 kPa 1.32 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
FCU-H-L16-02	STAD 15/14 Thread Without drain PN 20	0.05 l/s 14.9 kPa 1.81 turns	52151-014	** Generic Steel Pipes ** 15 (1/2") 0.249 m/s 83.1 Pa/m	1
FHL164B102R9	STAD 20 Thread Without drain PN 20	0.12 l/s 14.6 kPa 1.44 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
L153B302R16	STAD 20 Thread Without drain PN 20	0.11 l/s 23.7 kPa 1.08 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.3 m/s 78.2 Pa/m	1
FHL1502R12	STAD 15/14 Thread Without drain PN 20	0.05 l/s 17.2 kPa 1.76 turns	52151-014	** Generic Steel Pipes ** 15 (1/2") 0.249 m/s 83.1 Pa/m	1
L163B302R16	STAD 20 Thread Without drain PN 20	0.11 l/s 17.8 kPa 1.24 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.3 m/s 78.2 Pa/m	1
FHL154B102R9	STAD 20 Thread Without drain PN 20	0.12 l/s 16.4 kPa 1.38 turns	52151-020	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
FHL174B102R9	STAD 20 Thread	0.12 l/s 12.5 kPa	52151-020	** Generic Steel Pipes ** 20 (3/4")	1

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#1	Product	Technical Info	Article N°	Pipe	Qty
	Without drain PN 20	1.53 turns		0.327 m/s 91.3 Pa/m	
FCU-H-L17-02	STAD 15/14 Thread	0.05 l/s 12.3 kPa	52151-014	** Generic Steel Pipes ** 15 (1/2")	1
	Without drain PN 20	1.90 turns		0.249 m/s 83.1 Pa/m	
L173B302R16	STAD 20 Thread	0.11 l/s 13.6 kPa	52151-020	** Generic Steel Pipes ** 20 (3/4")	1
	Without drain PN 20	1.39 turns		0.3 m/s 78.2 Pa/m	
FHL164B103R9	STAD 20 Thread	0.12 l/s 10.6 kPa	52151-020	** Generic Steel Pipes ** 20 (3/4")	1
	Without drain PN 20	1.61 turns		0.327 m/s 91.3 Pa/m	
FHL174B103R9	STAD 20 Thread	0.12 l/s 8.45 kPa	52151-020	** Generic Steel Pipes ** 20 (3/4")	1
	Without drain PN 20	1.73 turns		0.327 m/s 91.3 Pa/m	
FHL154B103R9	STAD 20 Thread	0.12 l/s 12.3 kPa	52151-020	** Generic Steel Pipes ** 20 (3/4")	1
	Without drain PN 20	1.53 turns		0.327 m/s 91.3 Pa/m	
FHL174B104R9	STAD 20 Thread	0.12 l/s 3 kPa	52151-020	** Generic Steel Pipes ** 20 (3/4")	1
	Without drain PN 20	2.34 turns		0.327 m/s 91.3 Pa/m	
FHL164B104R9	STAD 20 Thread	0.12 l/s 5.11 kPa	52151-020	** Generic Steel Pipes ** 20 (3/4")	1
	Without drain PN 20	2.01 turns		0.327 m/s 91.3 Pa/m	
FHL154B104R9	STAD 20 Thread	0.12 l/s 6.88 kPa	52151-020	** Generic Steel Pipes ** 20 (3/4")	1
	Without drain PN 20	1.84 turns		0.327 m/s 91.3 Pa/m	

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Selected differential pressure control sets

#1	Product	Technical Info	Article N°	Pipe	Qty
Dp Controllers (from hydraulic circuit calculation)					
PAU-H-L18-02	DA 516 DN150	37.21 l/s	52770-792	** Generic Steel Pipes **	1
	Flange	Dpl = 28.7 kPa		150 (6")	
	PT 90	Dpmin = 22.8 kPa		1.97 m/s	
	[10-100] kPa	2.1 turns		214 Pa/m	
	PN 16	Pin = 134 kPa (Kv=2)			
		Authority>0.63			
	STAF 150	37.21 l/s	52181-092		1
	Flange	10.2 kPa			
	Standard	8.00* turns			
	PN 16				
FHL1LW02	STAP 25	0.4 l/s	52265-025	** Generic Steel Pipes **	1
	Thread	Dpl = 10 kPa		25 (1")	
	Standard	Dpmin = 6.84 kPa		0.688 m/s	
	[10-60] kPa	5 turns		259 Pa/m	
	PN 16	Pin = 33.7 kPa (Kv=6)			
		Authority>0.36			
	STAD 25	0.4 l/s	52151-225		1
	Thread	4.95 kPa			
	With drain 1/2"	2.85 turns			
	PN 20				
FHL1LW01	STAP 25	0.4 l/s	52265-025	** Generic Steel Pipes **	1
	Thread	Dpl = 10 kPa		25 (1")	
	Standard	Dpmin = 6.84 kPa		0.688 m/s	
	[10-60] kPa	5 turns		259 Pa/m	
	PN 16	Pin = 33.6 kPa (Kv=6)			
		Authority>0.36			
	STAD 25	0.4 l/s	52151-225		1
	Thread	4.95 kPa			
	With drain 1/2"	2.85 turns			
	PN 20				
LEVEL 1.4	STAP 32	0.59 l/s	52265-032		1
	Thread	Dpl = 27 kPa			
	Standard	Dpmin = 6.23 kPa			
	[20-80] kPa	8.6 turns			
	PN 16	Hmin = 36.2 kPa			
	STAD 32	0.59 l/s	52151-232		1
	Thread	3 kPa			
	With drain 1/2"	3.60 turns			

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#1	Product	Technical Info	Article N°	Pipe	Qty
	PN 20				
LEVEL 1.5	STAP 80	7.63 l/s	52265-080		1
	Flange	Dpl = 61 kPa			
	Standard	Dpmin = 24.9 kPa			
	[20-80] kPa	58 turns			
	PN 16	Hmin = 91.2 kPa			
	STAF 80	7.63 l/s	52181-080		1
	Flange	5.23 kPa			
	Standard	8.00* turns			
	PN 16				
LEVEL 1.6	IA 516 DN125(PN16)	24.59 l/s	52795-791		1
	Flange	Dpl = 125 kPa			
	PT 90	Dpmin = 34.8 kPa			
	[60-150] kPa	5.8 turns			
	PN 16	Hmin = 169 kPa			
	STAF 125	24.59 l/s	52181-091		1
	Flange	8.69 kPa			
	Standard	8.00* turns			
	PN 16				
LEVEL 19	STAP 65	4.29 l/s	52265-165		1
	Flange	Dpl = 75.9 kPa			
	Standard	Dpmin = 18.4 kPa			
	[40-160] kPa	36 turns			
	PN 16	Hmin = 97.6 kPa			
	STAF 65-2	4.29 l/s	52181-065		1
	Flange	3.3 kPa			
	Standard	8.00* turns			
	PN 16				
FCU-H-M-03	STAP 20	0.24 l/s	52265-020	** Generic Steel Pipes **	1
	Thread	Dpl = 11 kPa		20 (3/4")	
	Standard	Dpmin = 7.75 kPa		0.655 m/s	
	[10-60] kPa	5 turns		318 Pa/m	
	PN 16	min = 36.2 kPa (Kv=2)			
		Authority>0.71			
	STAD 20	0.24 l/s	52151-220		1
	Thread	3 kPa			
	With drain 1/2"	3.63 turns			
	PN 20				
RISER 1	STAP 65	2.88 l/s	52265-165		1
	Flange	Dpl = 41.9 kPa			

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#1	Product	Technical Info	Article N°	Pipe	Qty
	Standard	Dpmin = 8.28 kPa			
	[40-160] kPa	9 turns			
	PN 16	Hmin = 53.2 kPa			
	STAF 65-2	2.88 l/s	52181-065		1
	Flange	3 kPa			
	Standard	5.46 turns			
	PN 16				
RISER 7	STAP 65	2.88 l/s	52265-165		1
	Flange	Dpl = 48.6 kPa			
	Standard	Dpmin = 8.28 kPa			
	[40-160] kPa	9.2 turns			
	PN 16	Hmin = 59.8 kPa			
	STAF 65-2	2.88 l/s	52181-065		1
	Flange	3 kPa			
	Standard	5.46 turns			
	PN 16				
LEVEL 2.3.2	STAP 100	7.61 l/s	52265-190		1
	Flange	Dpl = 76.5 kPa			
	Standard	Dpmin = 6.19 kPa			
	[40-160] kPa	30 turns			
	PN 16	Hmin = 85.7 kPa			
	STAF 100	7.61 l/s	52181-090		1
	Flange	3 kPa			
	Standard	6.97 turns			
	PN 16				
RISER 2	STAP 65	4.47 l/s	52265-165		1
	Flange	Dpl = 57.8 kPa			
	Standard	Dpmin = 19.9 kPa			
	[40-160] kPa	20 turns			
	PN 16	Hmin = 81.3 kPa			
	STAF 65-2	4.47 l/s	52181-065		1
	Flange	3.58 kPa			
	Standard	8.00* turns			
	PN 16				
RISER 8	STAP 65	2.88 l/s	52265-165		1
	Flange	Dpl = 42 kPa			
	Standard	Dpmin = 8.28 kPa			
	[40-160] kPa	9 turns			
	PN 16	Hmin = 53.3 kPa			
	STAF 65-2	2.88 l/s	52181-065		1

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Selected differential pressure control sets

#1	Product	Technical Info	Article N°	Pipe	Qty
LEVEL 2.3.3	Flange	3 kPa	52265-032		1
	Standard	5.46 turns			
	PN 16				
	STAP 32	0.76 l/s			
	Thread	Dpl = 43.2 kPa	52151-232		1
	Standard	Dpmin = 10.3 kPa			
	[20-80] kPa	24 turns			
	PN 16	Hmin = 57.3 kPa			
	STAD 32	0.76 l/s	52151-232		1
	Thread	3.71 kPa			
	With drain 1/2"	4.00* turns			
	PN 20				
RISER 9	STAP 80	5.37 l/s	52265-180		1
	Flange	Dpl = 62.8 kPa			
	Standard	Dpmin = 12.3 kPa			
	[40-160] kPa	22 turns			
	PN 16	Hmin = 78.1 kPa	52181-080		1
	STAF 80	5.37 l/s			
	Flange	3 kPa			
	Standard	7.42 turns			
	PN 16		52265-165		1
	STAP 65	2.88 l/s			
	Flange	Dpl = 41.9 kPa			
	Standard	Dpmin = 8.28 kPa			
	[40-160] kPa	9 turns	52181-065		1
	PN 16	Hmin = 53.2 kPa			
	STAF 65-2	2.88 l/s			
	Flange	3 kPa			
	Standard	5.46 turns	52265-032		1
	PN 16				
	STAP 32	0.64 l/s			
	Thread	Dpl = 23.2 kPa			
L18.4	Standard	Dpmin = 7.33 kPa	52151-232		1
	[20-80] kPa	4.7 turns			
	PN 16	Hmin = 33.5 kPa			
	STAD 32	0.64 l/s			
	Thread	3 kPa	52151-232		1
	With drain 1/2"	3.82 turns			
	PN 20				
	STAP 65	2.64 l/s			
RISER 21			52265-165		1

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Selected differential pressure control sets

#1	Product	Technical Info	Article N°	Pipe	Qty
	Flange	Dpl = 50.2 kPa			
	Standard	Dpmin = 6.96 kPa			
	[40-160] kPa	11 turns			
	PN 16	Hmin = 60.2 kPa			
	STAF 65-2	2.64 l/s	52181-065		1
	Flange	3 kPa			
	Standard	5.17 turns			
	PN 16				
RISER 4	STAP 65	2.88 l/s	52265-165		1
	Flange	Dpl = 42.5 kPa			
	Standard	Dpmin = 8.28 kPa			
	[40-160] kPa	9 turns			
	PN 16	Hmin = 53.8 kPa			
	STAF 65-2	2.88 l/s	52181-065		1
	Flange	3 kPa			
	Standard	5.46 turns			
	PN 16				
RISER 10	STAP 65	2.88 l/s	52265-165		1
	Flange	Dpl = 42 kPa			
	Standard	Dpmin = 8.28 kPa			
	[40-160] kPa	9 turns			
	PN 16	Hmin = 53.3 kPa			
	STAF 65-2	2.88 l/s	52181-065		1
	Flange	3 kPa			
	Standard	5.46 turns			
	PN 16				
LEVEL 2.3.4	STAP 65	5.42 l/s	52265-065		1
	Flange	Dpl = 70.6 kPa			
	Standard	Dpmin = 29.3 kPa			
	[20-80] kPa	72 turns			
	PN 16	Hmin = 105 kPa			
	STAF 65-2	5.42 l/s	52181-065		1
	Flange	5.26 kPa			
	Standard	8.00* turns			
	PN 16				
RISER 5	STAP 80	4.95 l/s	52265-180		1
	Flange	Dpl = 59.1 kPa			
	Standard	Dpmin = 10.5 kPa			
	[40-160] kPa	19 turns			
	PN 16	Hmin = 72.6 kPa			

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Selected differential pressure control sets

#1	Product	Technical Info	Article N°	Pipe	Qty
	STAF 80	4.95 l/s	52181-080		1
	Flange	3 kPa			
	Standard	6.99 turns			
	PN 16				
RISER 11	STAP 65	2.88 l/s	52265-165		1
	Flange	Dpl = 42.3 kPa			
	Standard	Dpmin = 8.28 kPa			
	[40-160] kPa	9 turns			
	PN 16	Hmin = 53.6 kPa	52181-065		1
	STAF 65-2	2.88 l/s			
	Flange	3 kPa			
	Standard	5.46 turns			
	PN 16		52265-132		1
	STAP 32	0.76 l/s			
	Thread	Dpl = 21 kPa			
	Standard	Dpmin = 10.3 kPa			
L18.6	[10-40] kPa	22 turns	52151-232		1
	PN 16	Hmin = 35 kPa			
	STAD 32	0.76 l/s			
	Thread	3.71 kPa			
	With drain 1/2"	4.00* turns	52265-180		1
	PN 20				
	STAP 80	4.44 l/s			
	Flange	Dpl = 56 kPa			
RISER 6	Standard	Dpmin = 8.43 kPa	52181-080		1
	[40-160] kPa	16 turns			
	PN 16	Hmin = 67.5 kPa			
	STAF 80	4.44 l/s			
	Flange	3 kPa	52265-165		1
	Standard	6.51 turns			
	PN 16				
	STAP 65	5.7 l/s			
RISER 12	Flange	Dpl = 62.5 kPa	52181-065		1
	Standard	Dpmin = 32.4 kPa			
	[40-160] kPa	27 turns			
	PN 16	Hmin = 101 kPa			
	STAF 65-2	5.7 l/s			1
	Flange	5.82 kPa			
	Standard	8.00* turns			
	PN 16				

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Selected differential pressure control sets

#1	Product	Technical Info	Article N°	Pipe	Qty
RISER 13	STAP 80	2.88 l/s	52265-180		1
	Flange	Dpl = 42.4 kPa			
	Standard	Dpmin = 5 kPa			
	[40-160] kPa	9 turns			
	PN 16	Hmin = 50.4 kPa			
	STAF 80	2.88 l/s	52181-080		1
	Flange	3 kPa			
	Standard	5.18 turns			
	PN 16				
RISER 14	STAP 65	2.88 l/s	52265-165		1
	Flange	Dpl = 42 kPa			
	Standard	Dpmin = 8.28 kPa			
	[40-160] kPa	9 turns			
	PN 16	Hmin = 53.3 kPa			
	STAF 65-2	2.88 l/s	52181-065		1
	Flange	3 kPa			
	Standard	5.46 turns			
	PN 16				
RISER 15	STAP 65	4.29 l/s	52265-165		1
	Flange	Dpl = 60.9 kPa			
	Standard	Dpmin = 18.4 kPa			
	[40-160] kPa	23 turns			
	PN 16	Hmin = 82.5 kPa			
	STAF 65-2	4.29 l/s	52181-065		1
	Flange	3.3 kPa			
	Standard	8.00* turns			
	PN 16				
RISER 16	STAP 65	5.28 l/s	52265-165		1
	Flange	Dpl = 68.5 kPa			
	Standard	Dpmin = 27.8 kPa			
	[40-160] kPa	32 turns			
	PN 16	Hmin = 101 kPa			
	STAF 65-2	5.28 l/s	52181-065		1
	Flange	4.99 kPa			
	Standard	8.00* turns			
	PN 16				
PAU-H-L18-01	DA 516 DN150	36.25 l/s	52770-792	** Generic Steel Pipes **	1
	Flange	Dpl = 27.2 kPa		150 (6")	
	PT 90	Dpmin = 21.7 kPa		1.92 m/s	
	[10-100] kPa	2.1 turns		204 Pa/m	

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Selected differential pressure control sets

#1	Product	Technical Info	Article N°	Pipe	Qty
	PN 16	$\Delta p_{in} = 115 \text{ kPa}$ ($K_v=25$) Authority > 0.62			
	STAF 150	36.25 l/s	52181-092		1
	Flange	9.64 kPa			
	Standard	8.00* turns			
	PN 16				
RISER 17	STAF 65	2.88 l/s	52265-165		1
	Flange	$\Delta p_l = 42 \text{ kPa}$			
	Standard	$\Delta p_{min} = 8.28 \text{ kPa}$			
	[40-160] kPa	9 turns			
	PN 16	$H_{min} = 53.3 \text{ kPa}$			
	STAF 65-2	2.88 l/s	52181-065		1
	Flange	3 kPa			
	Standard	5.46 turns			
	PN 16				
RISER 18	STAF 65	2.88 l/s	52265-165		1
	Flange	$\Delta p_l = 42.4 \text{ kPa}$			
	Standard	$\Delta p_{min} = 8.28 \text{ kPa}$			
	[40-160] kPa	9 turns			
	PN 16	$H_{min} = 53.7 \text{ kPa}$			
	STAF 65-2	2.88 l/s	52181-065		1
	Flange	3 kPa			
	Standard	5.46 turns			
	PN 16				
RISER 19	STAF 80	4.44 l/s	52265-180		1
	Flange	$\Delta p_l = 55.6 \text{ kPa}$			
	Standard	$\Delta p_{min} = 8.43 \text{ kPa}$			
	[40-160] kPa	16 turns			
	PN 16	$H_{min} = 67 \text{ kPa}$			
	STAF 80	4.44 l/s	52181-080		1
	Flange	3 kPa			
	Standard	6.51 turns			
	PN 16				
RISER 20	STAF 80	4.44 l/s	52265-180		1
	Flange	$\Delta p_l = 60.5 \text{ kPa}$			
	Standard	$\Delta p_{min} = 8.43 \text{ kPa}$			
	[40-160] kPa	20 turns			
	PN 16	$H_{min} = 71.9 \text{ kPa}$			
	STAF 80	4.44 l/s	52181-080		1
	Flange	3 kPa			

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Selected differential pressure control sets

#1	Product	Technical Info	Article N°	Pipe	Qty
	Standard PN 16	6.51 turns			

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Control Valves

#1	Product	Technical Info	Article N°	Pipe	Qty
Independent Control Valves / Actuators (from hydraulic circuit ca					
FCU-H-L18-03	TBV-CMP 20 NF	0.16 l/s	52154-120	** Generic Steel Pipes **	1
	Fc = 10 kPa	Dpmin = 15.6 kPa		20 (3/4")	
	Ametal(tm)	8.36 turns		0.437 m/s	
	Thread			153 Pa/m	
	Standard				
	PN 16				
FHL1LW03	TBV-CMP 20 NF	0.16 l/s	52154-120	** Generic Steel Pipes **	1
	Fc = 10 kPa	Dpmin = 15.6 kPa		20 (3/4")	
	Ametal(tm)	8.36 turns		0.437 m/s	
	Thread			153 Pa/m	
	Standard				
	PN 16				
FCU-H-L3-03	TBV-CMP 20 NF	0.16 l/s	52154-120	** Generic Steel Pipes **	1
	Fc = 10 kPa	Dpmin = 15.6 kPa		20 (3/4")	
	Ametal(tm)	8.36 turns		0.437 m/s	
	Thread			153 Pa/m	
	Standard				
	PN 16				
FCU-H-L4-03	TBV-CMP 20 NF	0.16 l/s	52154-120	** Generic Steel Pipes **	1
	Fc = 10 kPa	Dpmin = 15.6 kPa		20 (3/4")	
	Ametal(tm)	8.36 turns		0.437 m/s	
	Thread			153 Pa/m	
	Standard				
	PN 16				
FCU-H-L5-03	TBV-CMP 20 NF	0.16 l/s	52154-120	** Generic Steel Pipes **	1
	Fc = 10 kPa	Dpmin = 15.6 kPa		20 (3/4")	
	Ametal(tm)	8.36 turns		0.437 m/s	
	Thread			153 Pa/m	
	Standard				
	PN 16				
FCU-H-L6-03	TBV-CMP 20 NF	0.16 l/s	52154-120	** Generic Steel Pipes **	1
	Fc = 10 kPa	Dpmin = 15.6 kPa		20 (3/4")	
	Ametal(tm)	8.36 turns		0.437 m/s	
	Thread			153 Pa/m	
	Standard				
	PN 16				
FCU-H-L7-03	TBV-CMP 20 NF	0.16 l/s	52154-120	** Generic Steel Pipes **	1

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Control Valves

#1	Product	Technical Info	Article N°	Pipe	Qty
	Fc = 10 kPa Ametal(tm) Thread Standard PN 16	Dpmin = 15.6 kPa 8.36 turns		20 (3/4") 0.437 m/s 153 Pa/m	
FCU-H-L8-03	TBV-CMP 20 NF	0.16 l/s	52154-120	** Generic Steel Pipes **	1
	Fc = 10 kPa Ametal(tm) Thread Standard PN 16	Dpmin = 15.6 kPa 8.36 turns		20 (3/4") 0.437 m/s 153 Pa/m	
FCU-H-L9-03	TBV-CMP 20 NF	0.16 l/s	52154-120	** Generic Steel Pipes **	1
	Fc = 10 kPa Ametal(tm) Thread Standard PN 16	Dpmin = 15.6 kPa 8.36 turns		20 (3/4") 0.437 m/s 153 Pa/m	
FCU-H-L10-03	TBV-CMP 20 NF	0.16 l/s	52154-120	** Generic Steel Pipes **	1
	Fc = 10 kPa Ametal(tm) Thread Standard PN 16	Dpmin = 15.6 kPa 8.36 turns		20 (3/4") 0.437 m/s 153 Pa/m	
FCU-H-L11-03	TBV-CMP 20 NF	0.16 l/s	52154-120	** Generic Steel Pipes **	1
	Fc = 10 kPa Ametal(tm) Thread Standard PN 16	Dpmin = 15.6 kPa 8.36 turns		20 (3/4") 0.437 m/s 153 Pa/m	
FCU-H-L12-03	TBV-CMP 20 NF	0.16 l/s	52154-120	** Generic Steel Pipes **	1
	Fc = 10 kPa Ametal(tm) Thread Standard PN 16	Dpmin = 15.6 kPa 8.36 turns		20 (3/4") 0.437 m/s 153 Pa/m	
FCU-H-L13-03	TBV-CMP 20 NF	0.16 l/s	52154-120	** Generic Steel Pipes **	1
	Fc = 10 kPa Ametal(tm) Thread Standard	Dpmin = 15.6 kPa 8.36 turns		20 (3/4") 0.437 m/s 153 Pa/m	

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Control Valves

#1	Product	Technical Info	Article N°	Pipe	Qty
	PN 16				
FCU-H-L14-03	TBV-CMP 20 NF	0.16 l/s	52154-120	** Generic Steel Pipes **	1
	Fc = 10 kPa	Dpmin = 15.6 kPa		20 (3/4")	
	Ametal(tm)	8.36 turns		0.437 m/s	
	Thread			153 Pa/m	
	Standard				
	PN 16				
FCU-H-L15-03	TBV-CMP 20 NF	0.16 l/s	52154-120	** Generic Steel Pipes **	1
	Fc = 10 kPa	Dpmin = 15.6 kPa		20 (3/4")	
	Ametal(tm)	8.36 turns		0.437 m/s	
	Thread			153 Pa/m	
	Standard				
	PN 16				
FCU-H-L16-03	TBV-CMP 20 NF	0.16 l/s	52154-120	** Generic Steel Pipes **	1
	Fc = 10 kPa	Dpmin = 15.6 kPa		20 (3/4")	
	Ametal(tm)	8.36 turns		0.437 m/s	
	Thread			153 Pa/m	
	Standard				
	PN 16				
FCU-H-L17-03	TBV-CMP 20 NF	0.16 l/s	52154-120	** Generic Steel Pipes **	1
	Fc = 10 kPa	Dpmin = 15.6 kPa		20 (3/4")	
	Ametal(tm)	8.36 turns		0.437 m/s	
	Thread			153 Pa/m	
	Standard				
	PN 16				
FHL1815B01	TBV-CMP 25 NF	0.24 l/s	52154-125	** Generic Steel Pipes **	1
	Fc = 10 kPa	Dpmin = 14.1 kPa		25 (1")	
	Ametal(tm)	5.86 turns		0.413 m/s	
	Thread			103 Pa/m	
	Standard				
	PN 16				
FHL186B01	TBV-CMP 20 NF	0.16 l/s	52154-120	** Generic Steel Pipes **	1
	Fc = 10 kPa	Dpmin = 15.6 kPa		20 (3/4")	
	Ametal(tm)	8.36 turns		0.437 m/s	
	Thread			153 Pa/m	
	Standard				
	PN 16				
L182B0502	TBV-CMP 20 NF	0.12 l/s	52154-120	** Generic Steel Pipes **	1
	Fc = 10 kPa	Dpmin = 15.1 kPa		20 (3/4")	
	Ametal(tm)	5.95 turns		0.327 m/s	

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Control Valves

#1	Product	Technical Info	Article N°	Pipe	Qty
	Thread Standard PN 16			91.3 Pa/m	
L182B0301	TBV-CMP 20 NF Fc = 10 kPa Ametal(tm) Thread Standard PN 16	0.12 l/s Dpmin = 15.1 kPa 5.95 turns	52154-120	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
L182B0202	TBV-CMP 20 NF Fc = 10 kPa Ametal(tm) Thread Standard PN 16	0.12 l/s Dpmin = 15.1 kPa 5.95 turns	52154-120	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
FCU-H-L18-02	TBV-CMP 15 NF Fc = 10 kPa Ametal(tm) Thread Standard PN 16	0.05 l/s Dpmin = 14.9 kPa 5.00 turns	52154-115	** Generic Steel Pipes ** 15 (1/2") 0.249 m/s 83.1 Pa/m	1
L182B0501	TBV-CMP 20 NF Fc = 10 kPa Ametal(tm) Thread Standard PN 16	0.16 l/s Dpmin = 15.6 kPa 8.36 turns	52154-120	** Generic Steel Pipes ** 20 (3/4") 0.437 m/s 153 Pa/m	1
L182B0302	TBV-CMP 20 NF Fc = 10 kPa Ametal(tm) Thread Standard PN 16	0.12 l/s Dpmin = 15.1 kPa 5.95 turns	52154-120	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
L182B0201	TBV-CMP 20 NF Fc = 10 kPa Ametal(tm) Thread Standard PN 16	0.12 l/s Dpmin = 15.1 kPa 5.95 turns	52154-120	** Generic Steel Pipes ** 20 (3/4") 0.327 m/s 91.3 Pa/m	1
FCU-H-L18-01	TBV-CMP 20 NF	0.16 l/s	52154-120	** Generic Steel Pipes **	1

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Control Valves

#1	Product	Technical Info	Article N°	Pipe	Qty
	Fc = 10 kPa	Dpmin = 15.6 kPa		20 (3/4")	
	Ametal(tm)	8.36 turns		0.437 m/s	
	Thread			153 Pa/m	
	Standard				
	PN 16				

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Pipe list

Pipe series	Pipe size	Total length (m)	Volume (m3)
** Generic Steel Pipes **	10 (3/8")	15	0.0018
** Generic Steel Pipes **	15 (1/2")	469	0.094
** Generic Steel Pipes **	20 (3/4")	7604	2.79
** Generic Steel Pipes **	25 (1")	1015	0.59
** Generic Steel Pipes **	32 (1 1/4")	877	0.888
** Generic Steel Pipes **	40 (1 1/2")	516	0.708
** Generic Steel Pipes **	50 (2")	948	2.09
** Generic Steel Pipes **	65 (2 1/2")	776	2.88
** Generic Steel Pipes **	80 (3")	212	1.09
** Generic Steel Pipes **	100 (4")	384	3.33
** Generic Steel Pipes **	125 (5")	130	1.73
** Generic Steel Pipes **	150 (6")	247	4.66
** Generic Steel Pipes **	200 (8")	50	1.68
** Generic Steel Pipes **	250 (10")	371	19.7
** Generic Steel Pipes **	500 (20")	660	124
			166 m3

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Article list

Article N°	Description	Qty
52151-014	STAD 15/14; Without drain; Thread; PN 20	22
52151-020	STAD 20; Without drain; Thread; PN 20	704
52151-025	STAD 25; Without drain; Thread; PN 20	25
52151-032	STAD 32; Without drain; Thread; PN 20	3
52151-220	STAD 20; With drain 1/2"; Thread; PN 20	1
52151-225	STAD 25; With drain 1/2"; Thread; PN 20	2
52151-232	STAD 32; With drain 1/2"; Thread; PN 20	4
52154-115	TBV-CMP 15 NF; Fc = 10; Standard; Thread	1
52154-120	TBV-CMP 20 NF; Fc = 10; Standard; Thread	25
52154-125	TBV-CMP 25 NF; Fc = 10; Standard; Thread	1
52181-065	STAF 65-2; Standard; Flange; PN 16	17
52181-080	STAF 80; Standard; Flange; PN 16	10
52181-090	STAF 100; Standard; Flange; PN 16	2
52181-091	STAF 125; Standard; Flange; PN 16	1
52181-092	STAF 150; Standard; Flange; PN 16	2
52265-020	STAP 20; [10-60] kPa; Standard; Thread; PN 16	1
52265-025	STAP 25; [10-60] kPa; Standard; Thread; PN 16	2
52265-032	STAP 32; [20-80] kPa; Standard; Thread; PN 16	3
52265-065	STAP 65; [20-80] kPa; Standard; Flange; PN 16	1
52265-080	STAP 80; [20-80] kPa; Standard; Flange; PN 16	1
52265-132	STAP 32; [10-40] kPa; Standard; Thread; PN 16	1
52265-165	STAP 65; [40-160] kPa; Standard; Flange; PN 16	16
52265-180	STAP 80; [40-160] kPa; Standard; Flange; PN 16	6
52265-190	STAP 100; [40-160] kPa; Standard; Flange; PN 16	1
52770-792	DA 516 DN150; [10-100] kPa; PT 90; Flange; PN 16	2
52795-791	DA 516 DN125(PN16); [60-150] kPa; PT 90; Flange; PN 16	1