



CÔNG TY TNHH ĐÚC TRÍ TÍN

DUC TRI TIN CO., LTD.

BALL VALVE

BUTTERFLY

CHECK VALVE

GATE VALVE

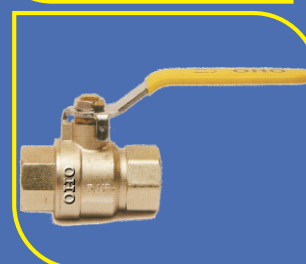
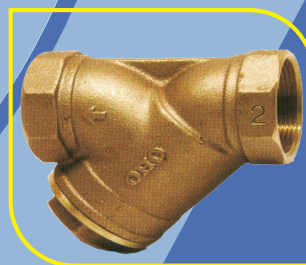
GLOBE VALVE

Y STRAINER

FOOT VALVE

BASS AUTOMATIC AIR VENT

BASS PRESSURE REDUCING VALVE



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DUCTRITIN CO., LTD



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200 W.O.G

BRASS GATE VALVE

Conform to MSS SP- 80



Model: 101

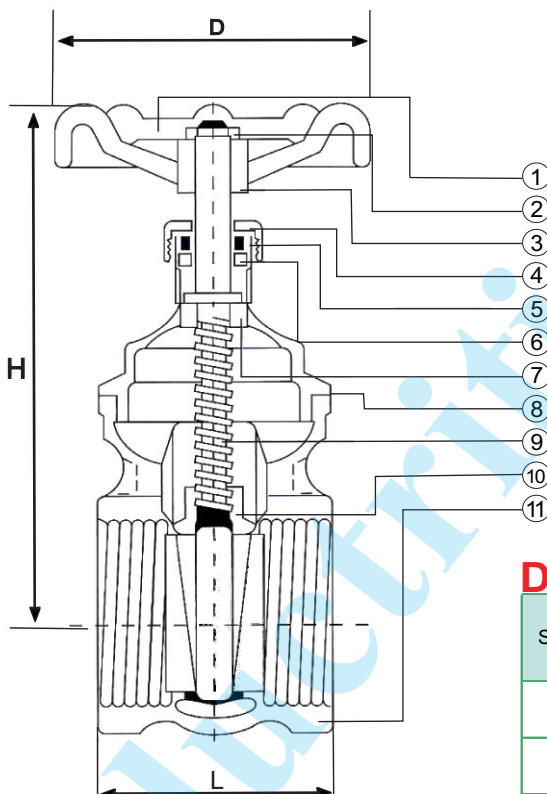
- Screwed bonnet, non-ring stem, solid wedge disc, integral seat, threaded ends to BS 21 or NPT.
- Application: Hot and cold water, compressed air, natural and mineral oil, gas, petrol...

Specifications

Working Pressure	10 Bar
Working Temperature	-20°C -120°C
Maximum pressure	16 Bar
Body test	25 Bar
Test Pressure	Hydrostatic 17 Bar
	Air 16 Bar

Materials

No.	Part	Material	
1	Name Plate	Aluminium	ASTM B209-1100
2	Handle Nut	Steel	ASTM A563-Zn PLATED
3	Hand Wheel	Cast Iron	ASTM A48
4	Packing Nut	Brass	ASTM B16 C36000
5	Gland	Brass	ASTM B16 C36000
6	Packing	Teflon	PTFE
7	Lock Nut	Brass	ASTM B16 C36000
8	Bonnet	Cast Brass	ASTM B584 C85700
9	Stem	Brass	ASTM B16 C36000
10	Disc	Cast Brass	ASTM B584 C85700
11	Body	Cast Brass	ASTM B584 C85700



Dimensions

Size	inch	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
	mm	15	20	25	32	40	50	65	80	100
L	End to End	41	45	53	59	63	67	87	99	112
H	Height	78	90	95	117	123	149	207	230	276
D	Hand Wheel	53	53	61	76	76	81	109	109	148

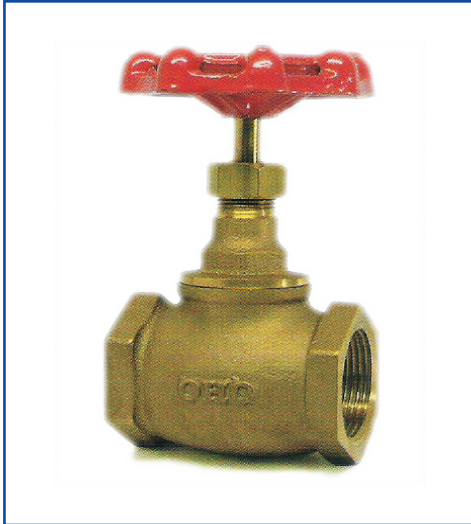
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BRONZE GLOBE VALVE

Conform to MSS SP- 80

300 W.O.G



Model: 801

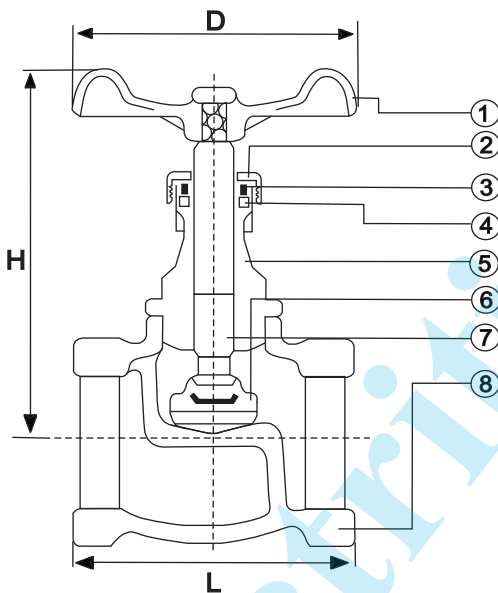
- Screwed bonnet, rising stem, swivel disc, integral seat, threaded ends to BS 21 or NPT.
- Application: steam, hot and cold water, compressed air, natural and mineral oil, gas, petrol...

Specifications

Working Pressure		20 Bar
Working Temperature		-20°C -180°C
Maximum pressure		25 Bar
Body test		32 Bar
Test Pressure	Hydrostatic	30 Bar
	Air	16 Bar

Materials

No.	Part	Material	
1	Hand Wheel	Cast Iron	ASTM A48
2	Packing Nut	Brass	ASTM B16 C36000
3	Gland	Brass	ASTM B16 C36000
4	Packing	Teflon	PTFE
5	Bonnet	Cast Bronze	ASTM B62 C83600
6	Disc	Cast Bronze	ASTM B62 C83600
7	Stem	Brass	ASTM B16 C36000
8	Body	Bronze	ASTM B62-C83600



Dimensions

Size	inch	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
	mm	15	20	25	32	40	50	65	80	100
L	End to End	48	53	63	73	81	94	115	131	171
H	Height	69	80	94	104	127	147	179	200	250
D	Hand Wheel	55	60	70	80	90	100	115	135	180



600 W.O.G

BRONZE BALL VALVE

Conform to MSS SP- 80



Model: 229

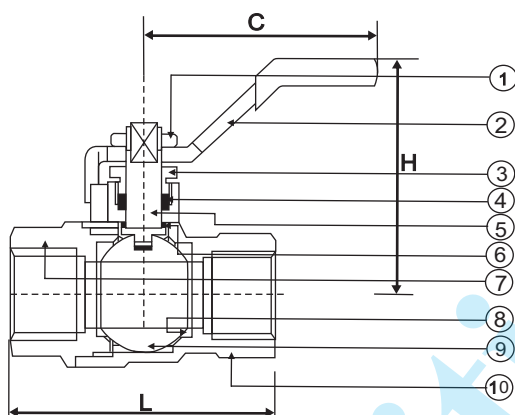
- Full Port Flow Passage, PTFE seats, blowout proof stem, threaded ends to BS21 or NPT.
- Application: steam, hot and cold water, compressed air natural and mineral oil, gas, petrol...

Specifications

Working Pressure		40 Bar
Working Temperature		-20°C -180°C
Maximum pressure working		60 Bar
Body test		65 Bar
Test Pressure	Hydrostatic	63 Bar
	Air	16 Bar

Materials

No.	Part	Material	
1	Stem Nut	Plastic	ASTMB58 - C83600
2	Handle	Steel	SS410
3	Gland Nut	Brass	ASTMB58 - C83600
4	Stem Packing	Teflon	PTFE
5	Stem	Brass	ASTMB58 - C83600
6	Thrust Washer	Teflon	PTFE
7	Body Cap	Chrome plate	ASTMB62 - C83600
8	Ball Seat	Teflon	PTFE
9	Ball	Chrome plate	ASTMB58 - C83600
10	Body	Chrome plate	ASTMB62 - C83600



Dimensions

Size	inch	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
	mm	6	10	12	20	25	32	40	50	65	80	100
L	End to End	42	44	53	61	74	81	94	110	143	160	184
H	Height	37	38	49	54	63	69	76	87	119	131	146
C	Length of Handle	76	76	90	107	133	133	142	153	240	240	240

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300 W.O.G

BRONZE- Y STRAINER

Conform to MSS SP- 80



Model: 603

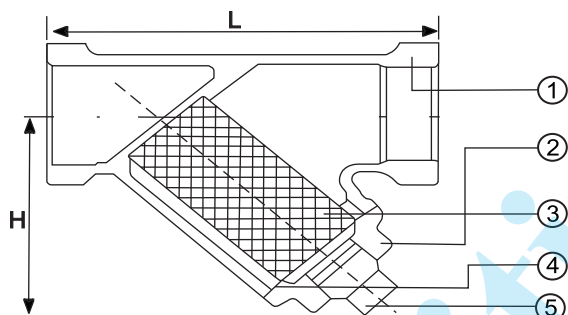
- Y-pattern body, screwed cap plug, stainless steel 304 screen, threaded ends to BS 21 or NPT
- Application: steam, hot and cold water, compressed air natural and mineral oil, gas, petrol...

Specifications

Working Pressure	20 Bar
Working Temperature	-20°C -180°C
Maximum pressure working	25 Bar
Body test	32 Bar
Test Pressure	Hydrostatic 30 Bar
	Air 16 Bar

Materials

No.	Part	Material	
1	Body	Bronze	ASTM B62-C83600
2	Cap	Bronze	ASTM B62-C83600
3	Screen	Stainless Steel	ASTM A351-CF8
4	Gasket	Teflon	PTFE
5	Plug	Bronze	ASTM B62-C83600



Dimensions

Size	inch	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
	mm	15	20	25	32	40	50	65	80	100
L	End to End	14	19	25	31.8	38	50	63.50	76	96
H	Height	48.5	58	70	80	93	112	130	160	175

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200 W.O.G

BRASS SWING CHECK VALVE

Conform to MSS SP- 80



Model: 328

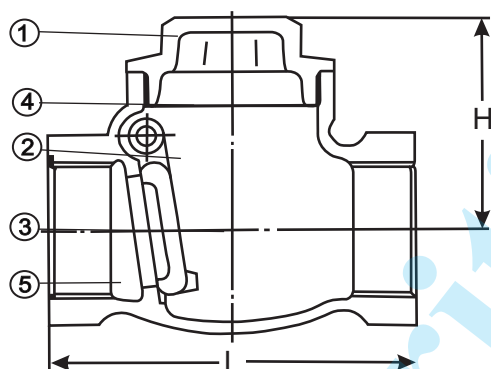
- Screwed in cap, swing disc, integral seat, threaded ends. To BS21 or NPT
- Use: hot and cold water, compressed air natural and mineral oil, gas, petrol...

Specifications

Working Pressure		10 Bar
Working Temperature		-20°C -120°C
Maximum pressure		16 Bar
Body test		25 Bar
Test Pressure	Hydrostatic	17 Bar
	Air	16 Bar

Materials

No.	Part	Material	
1	Cap	Cast brass	ASTM B58 - C83600
2	Disc	Cast brass	ASTM B58 - C83600
3	Hanger Pin	Brass Rod	ASTM B16 - C36000
4	Plug	Brass Rod	ASTM B16 - C36000
5	Body	Cast brass	ASTM B58 - C83600



Dimensions

Size	inch	1/2"	3/4"	1"	1¼"	1½"	2"	2½"	3"	4"
	mm	15	20	25	32	40	50	65	80	100
L	End to End	60	70	80	92	102	122	150	165	195
H	Height Valve Open	39	45	52	62	67	79	91	102	119

Due to continuous product development, data is not binding and may change without prior notice



200. W.O.G

BRASS FOOT VALVE

Conform to MSS SP- 80



Model: 904

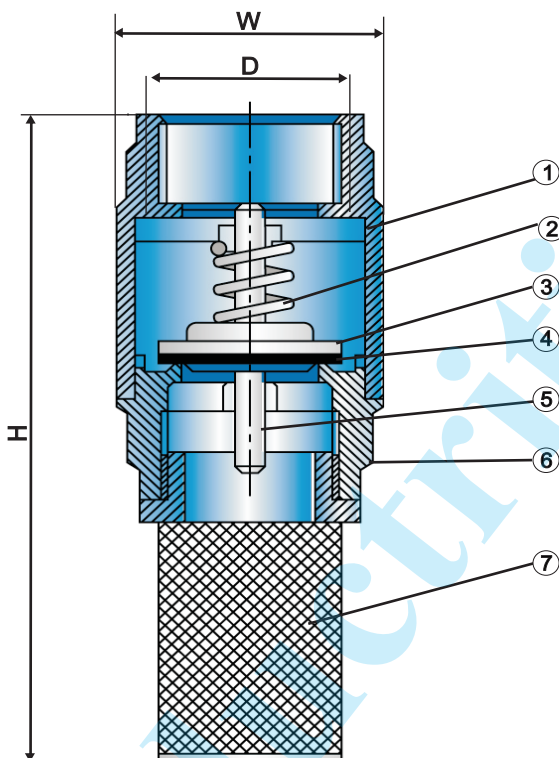
- Screwed cap integral seat, metal piston design, threaded ends to BS 21 or NPT
- Application: Hot and cold water, compressed air natural and mineral oil, gas, petrol...

Specifications

Working Pressure		10 Bar
Working Temperature		-20°C -80°C
Maximum pressure		16 Bar
Body test		25 Bar
Test Pressure	Hydrostatic	17 Bar
	Air	16 Bar

Materials

No.	Part	Material	
1	Body	Brass	ASTM B62-C83600
2	Spring	Stainless Steel	ASTM A351-CF8
3	Disc	Plastic	Nylon fibre glass
4	Seal Gasket	Rubber	EDPM
5	Stem	Plastic	Nylon fibre glass
6	Bonnet	Plastic	Nylon fibre glass
7	Filter	Stainless Steel	ASTM A351-CF8



Dimensions

Size	inch	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
	mm	15	20	25	32	40	50	65	80	100
W	Width	33	40	45	58	66	80	97	110	146
H	Height	66	77	88	98	110	130	156	165	193

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DIRECT ACTING FLOAT VALVE



Model: 401

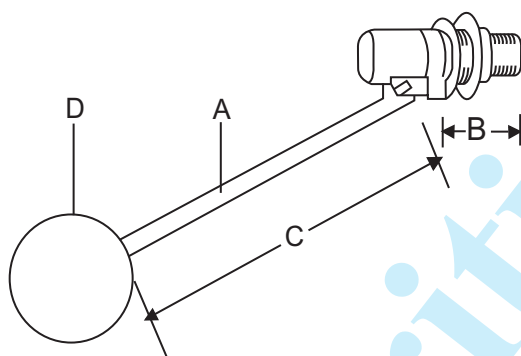
- Direct Acting Float Valve designed for reliable control of liquid levels in storage tanks, irrigation, air-conditioning, livestock watering and wherever liquid levels must be controlled.
- Application: Water, Sewage water, Sea water, Industrial water, oil, gas...

Specifications

Working Pressure	16 bar
Working Temperature	10°C -80°C
Maximum pressure	20 bar
Body test	20 bar
Test Pressure	Hydrostatic 24 bar
	Air 16 bar

Materials

No.	Part	Material	
1	Body	Bronze	ASTM A536
2	Ball Float	Stainless Steel	AISI 304
3	Piston	Bronze	ASTM C51900
5	Disc	Ductile Iron + Rubber	EPDM
6	Lever	Brass	EPDM+Nylon Fabric
7	Float Rod	Brass	EPDM+Nylon Fabric
8	Pins	Brass	EPDM+Nylon Fabric
9	Lock Nut	Brass	EPDM+Nylon Fabric



Dimensions

SIZE	inch	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
	mm	15	20	25	32	40	50
B	Length of Thread Connection	36	36	36	45	45	45
C	Length of Rod	360	360	360	450	450	450
D	Diameter of Ball Float	Ø200	Ø200	Ø200	Ø254	Ø254	Ø254



PN 16

BRONZE BALANCING VALVE



Model: FV1

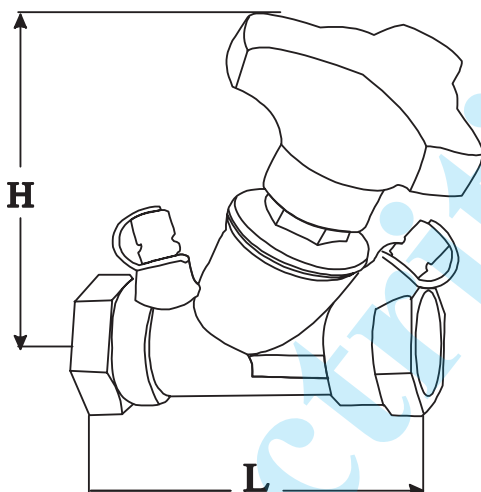
- Easy selection of desired position without the need for a manometer. Exact measurement of headloss and flow by means of the pressure test points, the flow rate tolerance within $\pm 5\%$.
- Application: HVAC System.

Specifications

Working Pressure		10 Bar
Working Temperature		-20°C -120°C
Maximum pressure working		20 bar
Body test		20 Bar
Test Pressure	Hydrostatic	20 bar
	Air	16 bar

Materials

No.	Part	Material	
1	Body	Bronze	ASTM B62-C83600
2	Bonnet	Bronze	ASTM B62-C83600
3	Packing gland nut	Rubber	EPDM
4	Disc	Rubber	EPDM
5	Seat ring	Teflon	PTFE
6	O-ring	Rubber	EPDM



Dimensions

Size	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
	15	20	25	32	40	50
L	90	97	110	124	130	155
H	100	100	105	110	120	120

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PN 16

BRASS PRESSURE REDUCING VALVE

Conform to MSS SP_80



Model: 116

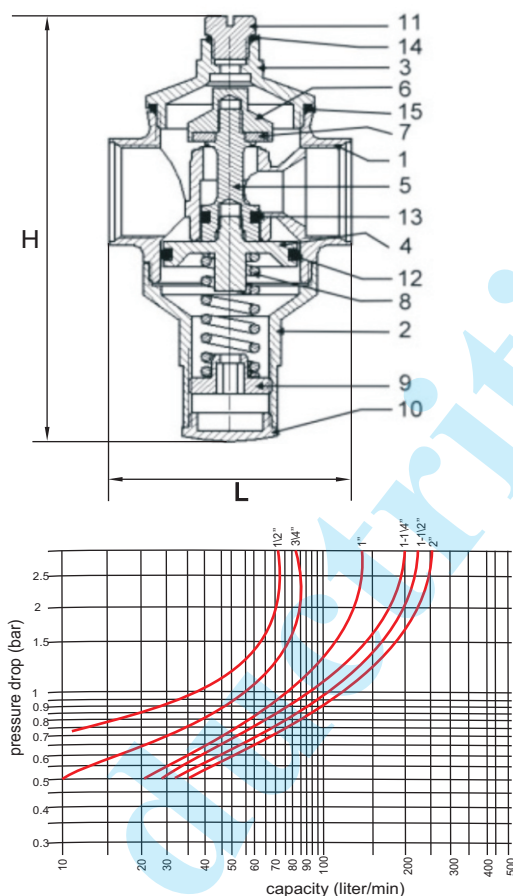
- Gauge connections standard. Automatically reduces a higher inlet pressure to a steady lower downstream. Outlet pressure adjust 0.5 - 5 bar.
- Application: Hot and cold water, compressed air

Specifications

Working Pressure		16 bar
Working Temperature		-20°C - 120°C
Maximum pressure working		20 bar
Body test		24 bar
Test Pressure	Hydrostatic	24 bar
	Air	16 bar

Materials

No.	Part	Material	
1	Body	Brass	ASTM C 84400
2	Cage	Brass	ASTM C37700
3	Cage	Brass	ASTM C37700
4	Piston	Brass	ASTM C37700
5	Stem	Brass	ASTM C36000
6	Disk holder	Brass	ASTM C36000
7	Disk	Rubber	NBR
8	Spring	Steel	SWPA
9	Adjusting screw	Brass	ASTM B C36000
10	Plug	Plastic	ABS
11	Plug	Plastic	ABS
12	O-ring	Rubber	NBR
13	O-ring	Rubber	NBR
14	O-ring	Rubber	NBR
15	O-ring	Rubber	NBR



Dimensions

Size	inch	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
	mm	15	20	25	32	40	50
L	End to End	60	60	85	90	90	91
H	Height	105	105	150	160	160	160

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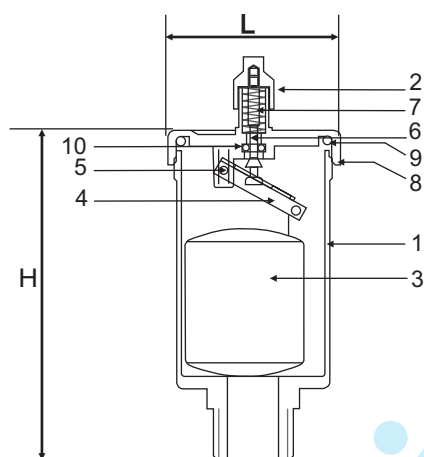


PN 10

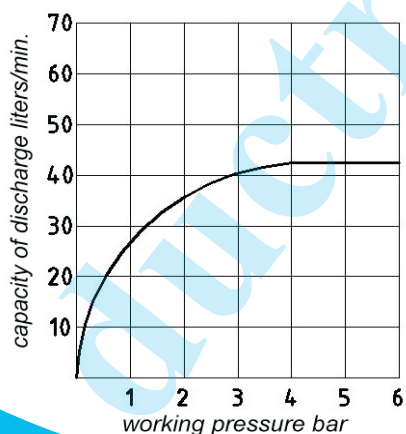
BRASS AUTOMATIC AIR VENT



Model: 119



HYDRAULIC FEATURES



- The air vent valve is a simple float operated valve that allows bleeding of air from piping systems.
- Application: Water heating systems and water solar heating systems

Specifications

Working Pressure	10 bar
Working Temperature	120° C
Maximum pressure	12 bar
Body test	16 bar
Test Pressure	Hydrostatic 17 bar
	Air 16 bar

Materials

No.	Part	Material	
1	Body	Brass	ASTM C 84400
2	Cap	Brass	ASTM C36600
3	Float	Plastic	Propylene Resin
4	Stem	Brass	ASTM C37700
5	Spindle	Brass	ASTM B16 C36000
6	Lever	Brass	ASTM B16 C36000
7	Spring	Stainless Steel	AISI 302
8	Cage	Brass	ASTM C37700
9	O-ring	Rubber	NBR (ASTMD 1418)
10	O-ring	Rubber	NBR (ASTMD 1418)

Dimensions

Size		inch	1/2"	3/4"	1"
		mm	15	20	25
L	End to End	47	47	47	47
H	Height	118	118	125	125



PN 16

RESILIENT WEDGE GATE VALVE



Model: 072

- Gate valve BS5163, ductile iron body, stainless steel & non rising stem, EPDM seated, flanged ends BS4504, EPOXY coated, PN10/ PN16
- Application: Water, Sewage water, Sea water, Industrial water. oil, gas...

Specifications

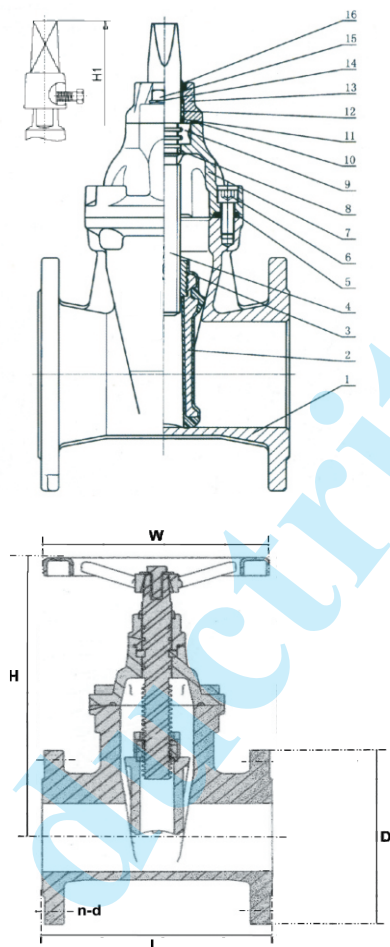
Pressure Working		16 bar
Temperature		70° C
Ends Connection		BS 4504
Hydraulic Test	Body	24 bar
	Seat	16 bar

Materials

1	Body	Ductile Iron	BS 2789 Grade 500-7
2	Wedge	Ductile Iron +Rubber	BS 2789 EPDM
3	Wedge Nut	Bronze	BS 1400 LG2 or LG4
4	Stem	Stainless Steel	AISI 410 / 304 / 316L
5	Bonnet Gasket	Rubber	EPDM
6	Bolt	Stainless Steel	AISI 304
7	Bonnet	Ductile Iron	BS 2789 Grade 500-7
8	O-ring	Rubber	NBR
9	Thrust Bearing	DI / Bronze	BS 2278/ BS 1400
10	O-ring	Rubber	NBR
11	O-ring	Rubber	NBR
12	Bushing	Nylon	PA
13	Bland	Ductile Iron	BS 2789 Grade 500-7
14	Washer	Stainless Steel	AISI 304
15	Bolt	Stainless Steel	AISI 304
16	Wiper Ring	Rubber	NBR

Dimensions

DN		L	H	D	n-d	W
inch	mm	(mm)	(mm)	(mm)	(mm)	(mm)
2"	50	180	260	155	4-19	160
2 ½"	65	190	285	175	4-19	180
3"	80	200	320	185	8-19	200
4"	100	230	370	210	8-19	225
5"	125	250	435	250	8-19	250
6"	150	270	505	280	8-23	290
8"	200	290	605	330	8-23	330
10"	250	330	720	400	12-23	350
12"	300	350	800	445	12-23	400
14	350	381	898	520	16-23	550
16	400	406	1078	580	16-23	600



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CAST IRON GATE VALVE

JIS 10K



Model: 071

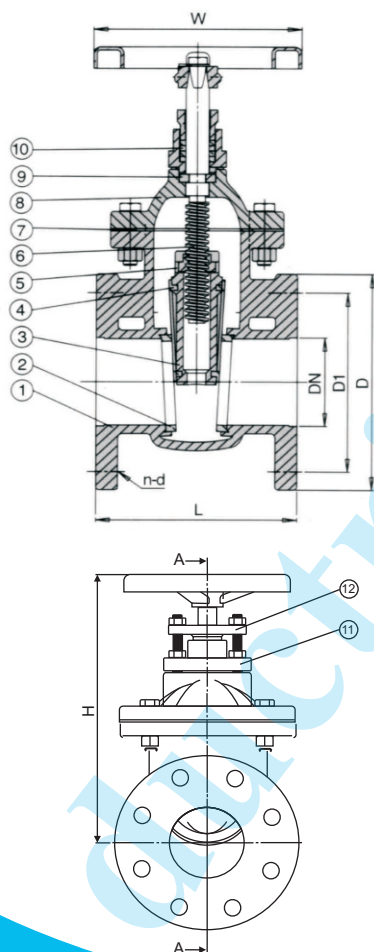
- Non_rising stem, solid wedge disc, renewable stainless steel seat rings, flanged ends
- Application: Liquids, hot & cold water, oil, gas...

Specifications

Pressure Working		10 bar
Temperature		120° C
Ends Connection		JIS 10K FF Flange
Hydraulic Test	Body	21.1 bar
	Seat	16 bar

Materials

No.	Part	Material	
1	Body	Cast Iron	FC 20
2	Seat Ring	Stainless Steel	CF 8
3	Wedge	Cast Iron	FC 20
4	Wedge Ring	Brass	BC 62
5	Wedge Nut	Brass	BC 62
6	Stem	Stainless Steel	SS 410
7	Gasket	Teflon	PTFE
8	Bonnet	Cast Iron	FC 20
9	Stem Collar	Stainless Steel	SS 410
10	Packing	Graphite	-----
11	Stuffing Box	Cast Iron	FC 20
12	Gland Follow er	Ductile Iron	FC 45
13	Hand Wheel (W)	Ductile Iron	FC 45
14	Bolts & Nuts	Galvanized Steel	SS 400



Dimensions

DN		L	H	D	D1	n-d	W
inch	mm	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
2"	50	180	245	150	120	4-19	150
2 ½"	65	190	275	175	140	4-19	170
3"	80	200	320	185	150	8-19	180
4"	100	230	370	210	175	8-19	220
5"	125	250	445	250	210	8-23	245
6"	150	270	480	280	240	8-23	275
8"	200	290	600	330	290	12-23	335
10"	250	330	735	400	355	12-25	490
12"	300	350	735	400	355	16-25	490

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CAST STEEL GATE VALVE

150 LBS



- Bolted bonnet, OS&Y, rising stem, solid wedge disc, renewable bronze seat rings, flanged ends.
- Applicable Fluid: Liquids, old, gas, steam, hot & cold water...

Specifications

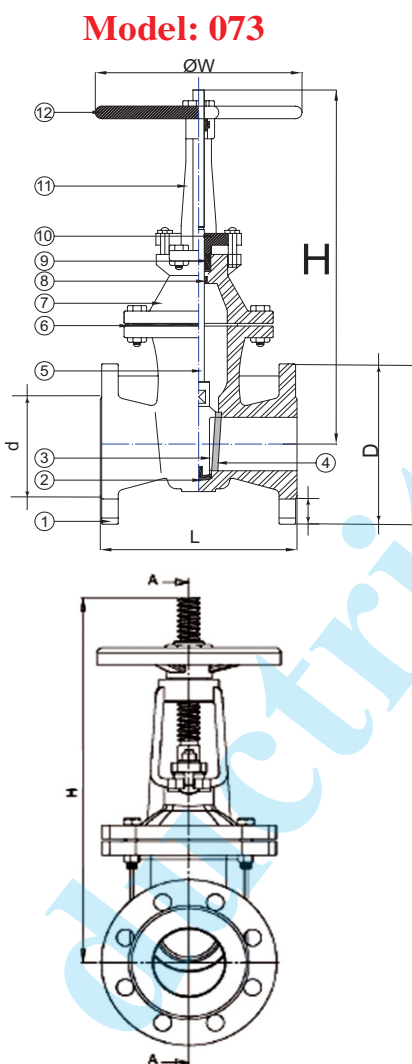
Pressure Working	150 LBS	
Temperature	120°C	
Ends Connection	ANSI 150 RF Flange	
Hydraulic Test	Body	32 kg/Cm ² (450 PSI)
	Seat	23 kg/Cm ² (325 PSI)

Materials

No.	Part	Material	
1	Body	Cast steel	A 216 WCB
2	Seat ring	Stainless Steel	SS13% Cr
3	Wedge	Cast steel	A 216 WCB
4	Wedge Ring	Stainless Steel	SS13% Cr
5	Stem	Stainless Steel	SS13% Cr
6	Bonnet Gasket	Graphite + Steel	-----
7	Bonnet	Cast steel	A 216 WCB
8	Back Seat Bushing	Stainless Steel	SS13% Cr
9	Packing	Graphite	-----
10	Packing Gland	Ductile Iron	ASTM A 536
11	Yoke	Cast steel	A 216 WCB
12	Handwheel	Cast steel	A 216 WCB

Dimensions

DN		L (mm)	H (mm)	D (mm)	D1 (mm)	n-d (mm)	W (mm)
inch	mm						
2"	50	180	330	155	145	4-19	160
2 ½"	65	190	355	175	170	4-19	180
3"	80	200	430	185	195	4-19	200
4"	100	230	520	210	220	8-19	225
5"	125	250	610	250	245	8-22	250
6"	150	270	715	280	275	8-22	290
8"	200	290	925	330	340	8-22	330
10"	250	330	1150	400	395	12-25	350
12"	300	350	1340	445	490	12-25	400
14"	350	381	1515	490	490	12-29	550
16"	400	406	1780	560	600	16-29	600



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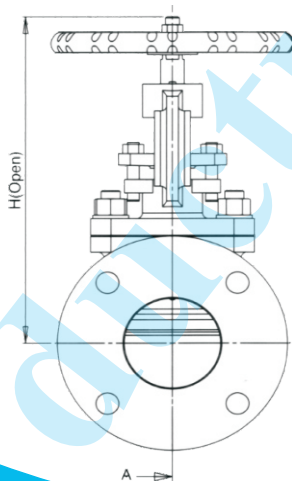
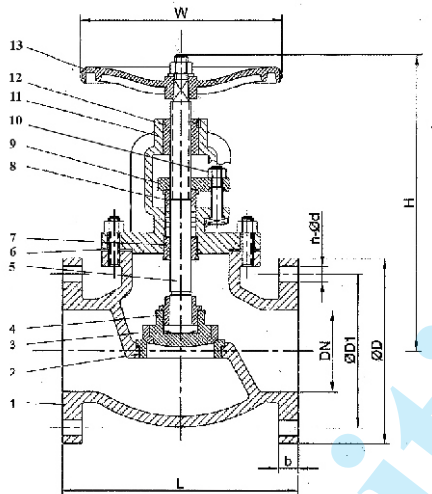


CAST IRON GLOBE VALVE

JIS 16K



Model: 064



- Bolted Yoke-bonnet, swivel disc, renewable bronze body seat ring, flanged ends.
- Application: Steam, gas, oil, hot & cold water...

Specifications

Working Pressure		16 bar
Temperature		180° C
Ends Connection		JIS 16K RF Flange
Hydraulic Test	Body	24 bar
	Seat	18 bar

Materials

No	Part Names	Material	
1	Body	Cast Iron	ASTM A126 B
2	Sea Ring	Stainless Steel	ASTM B62 or 13Cr
3	Disc Seat Ring	Brass	ASTM B62 or 13Cr
4	Disc	Cast Iron	ASTM A126 B
5	Stem	Stainless Steel	ASTM B16 or 13Cr
6	Bonnet Gasket	Cast Iron	Graphite + Steel
7	Bonnet Bush	Cast Iron	ASTM B16
8	Gland	Ductile Iron	ASTM B16
9	Gland Flange	Ductile Iron	ASTM A536
10	Nuts	Brass	Stainless Steel 304
11	Bonnet	Cast Iron	ASTM A126 B
12	Stem Nut	Brass	MN - Brass
13	Hand Wheel	Ductile Iron	ASTM A126 B

Dimensions

DN		L	H	D	D1	n-d	W
inch	mm	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
2"	50	202	225	152	120	8-19	150
2 ½"	65	222	250	178	139	8-19	170
3"	80	242	275	191	152	8-19	180
4"	100	292	330	229	190	8-19	220
5"	125	362	380	254	215	8-22	245
6"	150	412	455	279	241	8-22	275
8"	200	502	535	343	298	12-22	335
10"	250	514	660	406	362	12-25	490
12"	300	700	695	483	431	12-25	490

Due to continuous product development, data is not binding and may change without prior notice

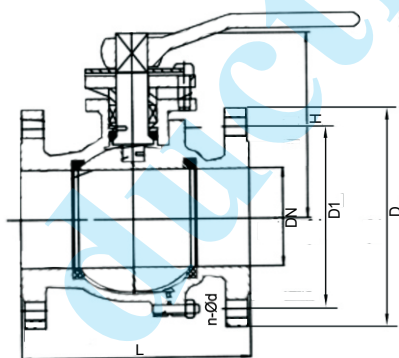
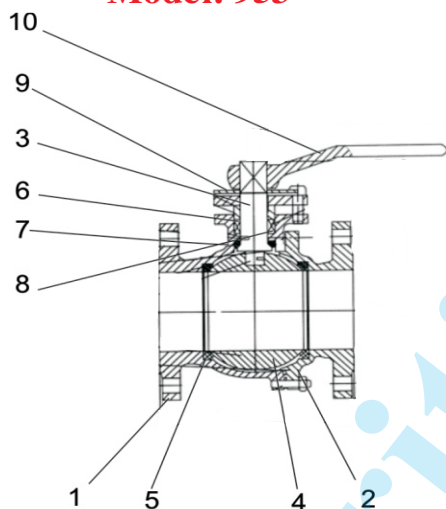


JIS 10K

CAST IRON BALL VALVE



Model: 953



- Cast Iron ball valve flanged ends, full bore.
- Application: oil, gas, air, steam, hot & cold water...

Specifications

Pressure	10 bar
Temperature	180° C
Ends Connection	JIS 10K RF Flange
Hydraulic Test	Body 21.1 bar
Seat	16 bar

Materials

No.	Part	Material	
1	Body	Cast Iron	FC 20
2	Body Cap	telflon	PTFE
3	Stem	Stainless Steel	SS 410
4	Ball	Stainless Steel	SS 304
5	Ball Seat	telflon	PTFE
6	Gland Packing	Cast Iron	FC 20
7	Steam Seal	Graphite	-----
8	Joint Gasket	Graphite	-----
9	Gland Flange	Cast Iron	FC 20
10	Handle	Cast Iron	FC 20

Dimensions

DN		L (mm)	H (mm)	D (mm)	D1 (mm)	n-d (mm)
inch	mm					
1/2"	15	110	90	95	70	4-15
3/4"	20	120	90	100	75	4-15
1"	25	130	110	125	90	4-19
1¼"	32	140	110	135	100	4-19
1½"	40	165	130	140	105	4-19
2"	50	180	140	155	120	4-19
2½"	65	190	155	175	140	4-19
3"	80	200	170	185	150	8-19
4"	100	230	180	210	175	8-19
5"	125	300	230	250	210	8-23
6"	150	340	260	280	240	8-23
8"	200	450	290	330	290	12-23

Due to continuous product development, data is not binding and may change without prior notice



CAST IRON SWING CHECK VALVE

JIS 10K



Model: 065

- Bolted cover, swing type disc, renewable bronze body & disc seat rings, flanged ends.
- Application: Liquids, hot & cold water, oil, gas...

Specifications

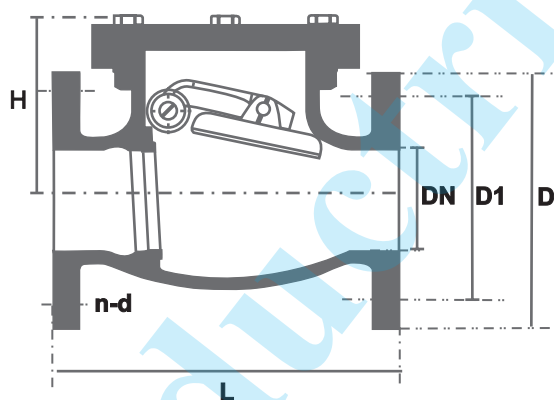
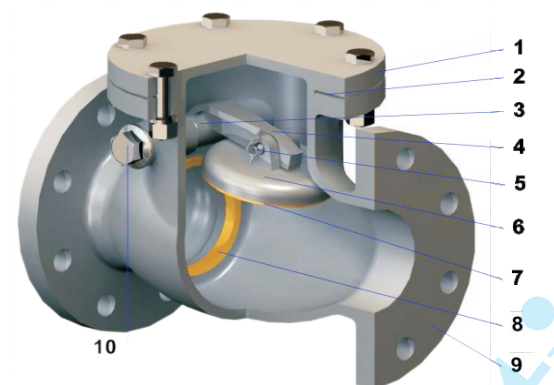
Pressure Working		10 bar
Temperature		120° C
Ends Connection		JIS 10K FF Flange
Hydraulic Test	Body	21.1 bar
	Seat	16 bar

Materials

No.	Part	Material	
1	Cover	Cast Iron	FC 20
2	Gasket	Teflon	PTFE
3	Hinge Pin	Stainless Steel	SS 410
4	Hinge Pin	Stainless Steel	SS 410
5	Pin	Stainless Steel	SS 410
6	Disc	Cast Iron	FC 20
7	Disc Ring	Brass	BC 62
8	Seat ring	Brass	BC 62
9	Body	Cast Iron	FC 20
10	Blug	Steel	SS 400

Dimensions

DN		L (mm)	H (mm)	D (mm)	D1 (mm)	n-d (mm)
inch	mm					
2"	50	204	105	155	120	4-19
2 ½"	65	217	115	175	140	4-19
3"	80	242	140	185	150	8-19
4"	100	292	155	210	175	8-19
5"	125	330	170	250	210	8-23
6"	150	356	200	280	240	8-23
8"	200	495	240	330	290	12-23
10"	250	622	282	400	355	12-25
12"	300	298	333	445	400	16-25
14"	350	787	400	490	445	16-25
16"	400	914	460	560	510	16-27



Due to continuous product development, data is not binding and may change without prior notice



JIS 10K

CAST IRON Y-STRAINER



Model: 078

- Bolted cover, Y-pattern body & punched stainless steel plate screen, flanged ends.
- Application : Liquids, hot & cold water, oil, gas...

Specifications

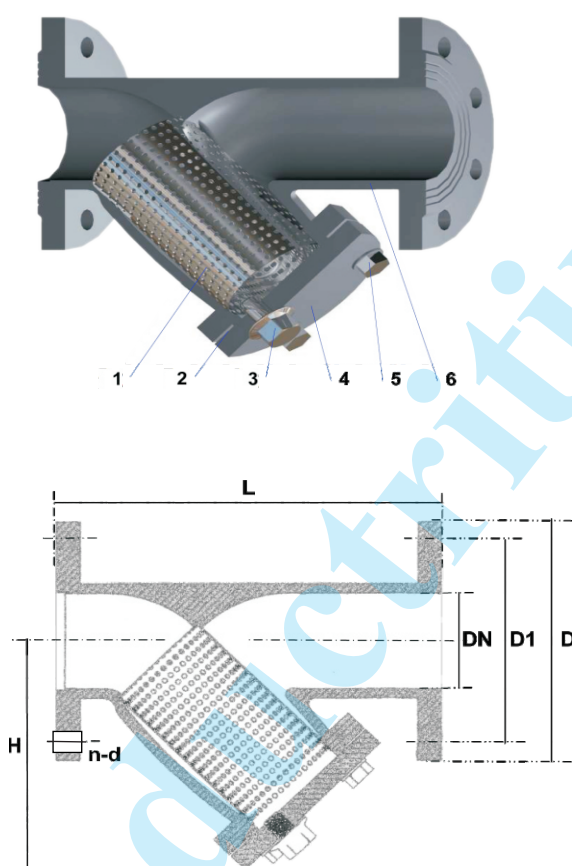
Pressure Working	16 bar
Temperature	120° C
Ends Connection	JIS 10K FF Flange
Hydraulic Test	24 bar

Materials

No.	Part	Material	
1	Mesh /Screen	Stainless Steel	AISI 304
2	Gasket	Non Asbestos	-----
3	Plug	Cast Iron	FC 20
4	Cover	Cast Iron	FC 20
5	Bolts	Galvanized Steel	SS 400
6	Body	Cast Iron	FC 20

Dimensions

DN		L	H	D	D1	n-d
inch	mm	(mm)	(mm)	(mm)	(mm)	(mm)
2"	50	205	170	155	120	4-19
2 ½"	65	285	200	175	140	4-19
3"	80	315	245	185	150	8-19
4"	100	370	280	210	175	8-19
5"	125	420	320	250	210	8-23
6"	150	490	365	280	240	8-23
8"	200	570	465	330	290	12-23
10"	250	680	545	400	355	12-25
12"	300	800	605	445	400	16-25
14"	350	950	725	490	445	16-25
16"	400	1050	805	560	510	16-27



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DUAL PLATE CHECK VALVE

PN 16



Model: 911

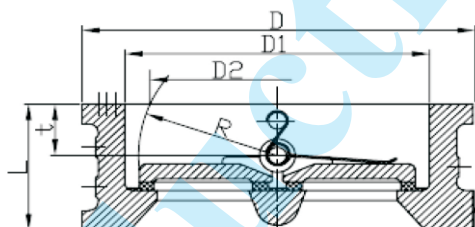
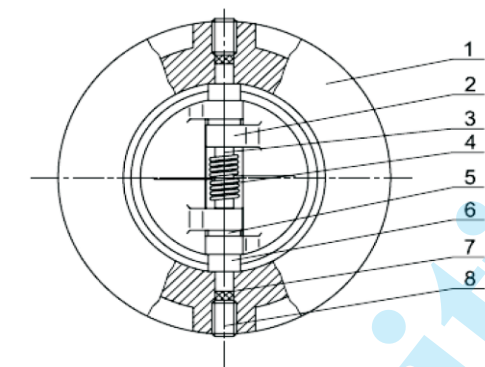
- Fusion Bonded Epoxy Coating, Standard to BS 5155
- Application: Liquids, hot & cold water, oil, gas...

Specifications

Working Pressure		16 Bar
Temperature		120°C
Ends Connection		BS4504 PN16
Hydraulic Test	Body	24 Bar
	Seat	18 Bar

Materials

No.	Part	Material	
1	Body	Cast Iron	FC 20
2	Disc	Stainless Steel	SS 304
3	Stem	Stainless Steel	SS 410
4	Spring	Stainless Steel	SS 304
5	Washer	Teflon	PTFE
6	Nut	Stainless Steel	SS 410
7	Seat	Teflon	PTFE



Dimensions

DN		D	D1	D2	L	R	t
inch	mm						
2"	50	107	65	40	43	27	18.40
2 ½"	65	127	80	60	46	35	19.80
3"	80	142	94	70	64	42	27.70
4"	100	162	117	88	64	50	27.70
6"	150	218	171	134	76	77	31.60
8"	200	273	224	182	89	102.50	32.90
10"	250	328	265	220	114	125	50.50
12"	300	378	310	260	114	146	43.30
14"	350	446	360	298	127	170	45.50

Due to continuous product development, data is not binding and may change without prior notice



PN 16

BUTTERFLY VALVE (LEVER TYPE)



Model: 71L

- Stainless Steel Disc
- Fusion Bonded Epoxy Coating
- Standard to BS EN 593/BS 5155
- Universal Flange Drilling
- Actuator Mounting Flange to ISO 5211

Specifications

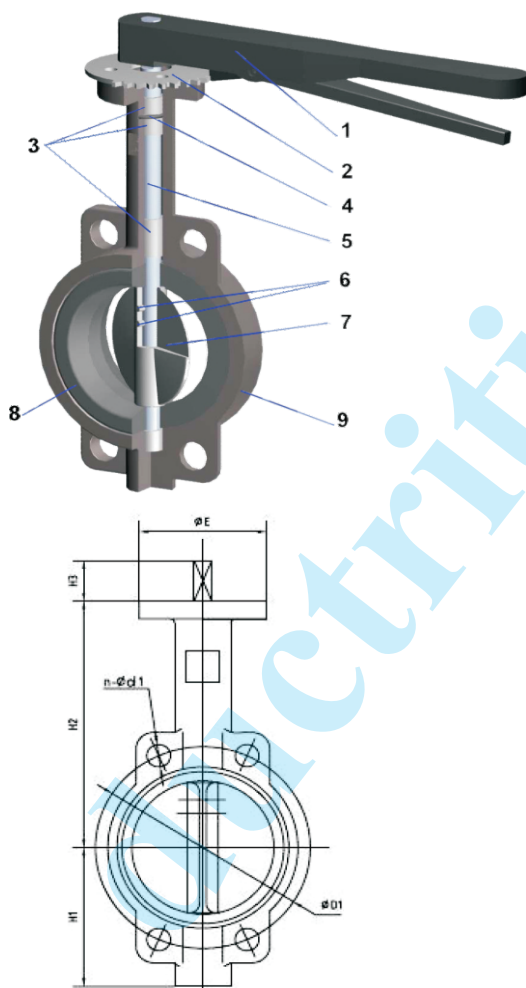
Working Pressure		16 Bar
Temperature		120°C
Ends Connection		BS 4504 PN16
Hydraulic Test	Body	24 Bar
	Seat	17.6 Bar

Materials

No.	Part	Material	
1	Lever	Steel	SS400
2	Index Plate	Chrome Plated	SS400+13%Cr
3	Bushing	Teflon	PTFE
4	O - Ring	Rubber	EPDN
5	Stem	Stainless Steel	410
6	Pin	Stainless Steel	410
7	Disc	Stainless Steel	316/304
8	Seat	Rubber	EPDN
9	Body	Cast Iron	FC20

Dimensions

DN		L	ØD1	n - Ø d1	H1	H2	H3
inch	mm						
2"	50	43	125	4-19	80	161	32
2 ½"	65	46	145	4-19	89	175	32
3"	80	46	160	8-19	95	181	32
4"	100	52	180	8-19	114	200	32
6"	150	56	240	8-23	139	226	40
8"	200	60	295	12-23	175	260	40
10"	250	68	355	12-28	203	292	40
12"	300	78	410	12-28	242	337	40



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PN 16

BUTTERFLY VALVE (GEAR TYPE)



Model: 71G

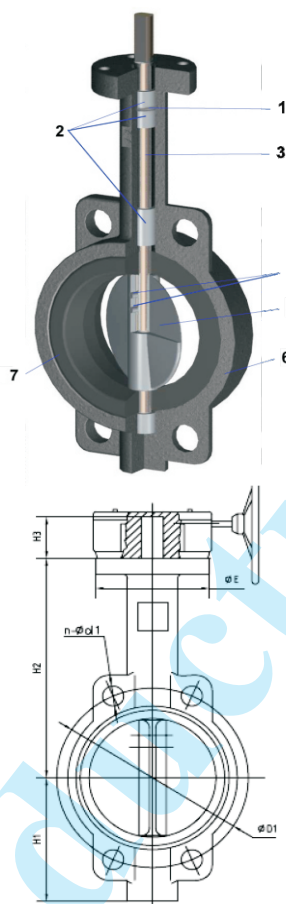
- Stainless Steel Disc
- Fusion Bonded Epoxy Coating
- Standard to BS EN 593/BS 5155
- Universal Flange Drilling
- Actuator Mounting Flange to ISO 5211
- Gear OPT

Specifications

Working Pressure		16 Bar
Temperature		120° C
Ends Connection		BS 4504 PN16
Hydraulic Test	Body	24 Bar
	Seat	17.6 Bar

Materials

No.	Part	Material	
1	O - Ring	Rubber	PTFE
2	Bushing	Teflon	PTFE
3	Stem	Stainless Steel	410
4	Pin	Stainless Steel	410
5	Disc	Stainless Steel	316/304
6	Body	Cast Iron	FC20
7	Seat	Rubber	EPDN



Dimensions

DN		L	ØE	ØD1	n - Ø d1	H1	H2	H3
inch	mm							
2"	50	43	65	125	4-19	80	161	32
2 ½"	65	46	65	145	4-19	89	175	32
3"	80	46	65	160	8-19	95	181	32
4"	100	52	90	180	8-19	114	200	32
6"	150	56	90	240	8-23	139	226	40
8"	200	60	125	295	12-23	175	260	40
10"	250	68	125	355	12-28	203	292	40
12"	300	78	125	410	12-28	242	337	40
14"	350	78	125	470	12-28	267	368	45



JIS 10K

CAST IRON FOOT VALVE

Conform to MSS SP-70



Model: 200

- Simple design, easy maintenance, satisfies these requirements plus low head loss through its full ported area.
- Application : Hot and cold water, and mineral oil, gas, petrol...

Specifications

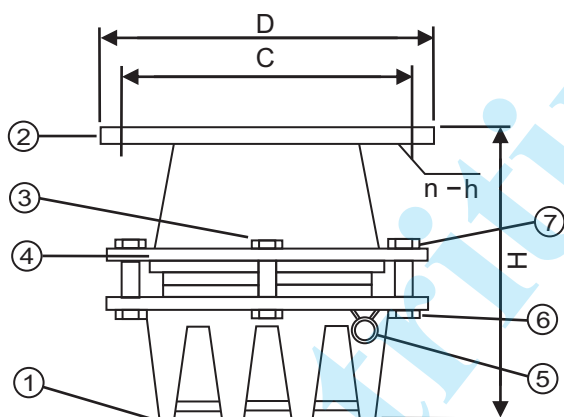
Working Pressure		10 bar
Working Temperature		120°C
Ends Connection		JIS 10K FF Flange
Hydraulic Test	Body	21 bar
	Seat	16 bar

Materials

No.	Part	Material	
1	Body	Cast Iron	ASTM A126
2	Bonnet	Cast Iron	ASTM A126
3	Screen	Stainless	ASTM A351 CF8
4	Gasket	Asbestor	
5	Plug	Cast Iron	ASTM A126
6	Bonnet Bolt	Cast Steel	ASTM A216
7	Bonnet Nut	Cast Steel	ASTM A216

Dimensions

DN		ØD	C	n-h	H
inch	mm				
2"	50	155	120	4-19	185
2 ½"	65	175	140	4-19	185
3"	80	185	150	8-19	195
4"	100	210	175	8-19	200
5"	125	250	210	8-23	240
6"	150	280	240	8-23	245
8"	200	330	290	12-23	295
10"	250	400	355	12-25	355
12"	300	445	400	16-25	380



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DUCTILE IRON BALANCING VALVE

PN 16



Model: FV2

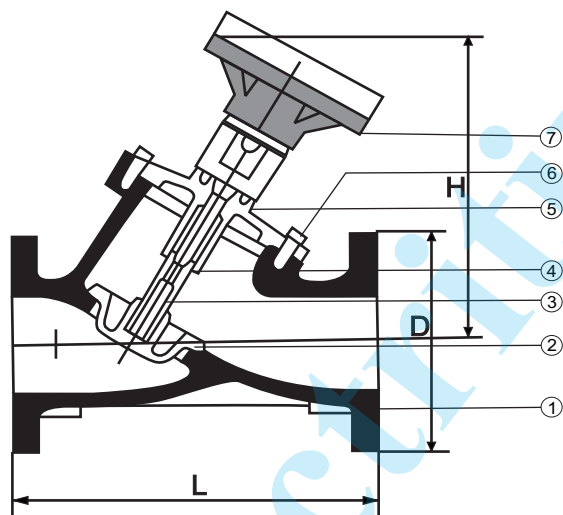
- Easy selection of desired position without the need for amanometer. Exact measurement of headloss and flow by means of the pressure test points, the flow rate tolerance within +5%.
- Application: HVAC System.

Specifications

Working Pressure		10 Bar
Working Temperature		-20°C -120°C
Maximum pressure		20 bar
Body test		20 Bar
Test Pressure	Hydrostatic	20 bar
	Air	16 bar

Materials

No.	Part	Material	
1	Body	Ductile iron	FC 45
2	Bonnet	Ductile iron	FC 45
3	Stem	Bronze	ASTM B62-C83600
4	Gland	Rubber	EPDM
5	Disc	Rubber	EPDM
6	Disc Stem Nut	Bronze	ASTM B62-C83600
7	Handwheel	Plastic / Steel	



Dimensions

Size	2"	2½"	3"	4"	5"	6"	8"	10"	12"
	50	65	80	100	125	150	200	250	300
L	230	290	310	350	400	480	600	730	850
H	122	205	220	240	275	285	430	420	480
DN	165	185	200	220	250	285	360	425	485
Kv	33	85	120	190	300	420	765	1185	1450

Due to continuous product development, data is not binding and may change without prior notice



CAST IRON FLOAT VALVE

PN 16



Model: 100

- Remote float control valve is a non-modulating valve which accurately controls the liquid level in tanks and water reservoirs etc.
- Application: Water, Sewage water, Sea water, Industrial water. oil, gas...

Specifications

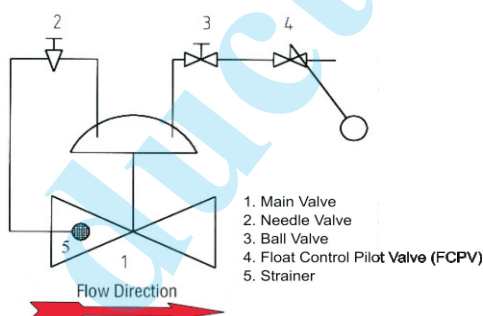
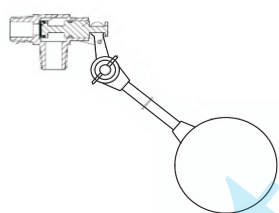
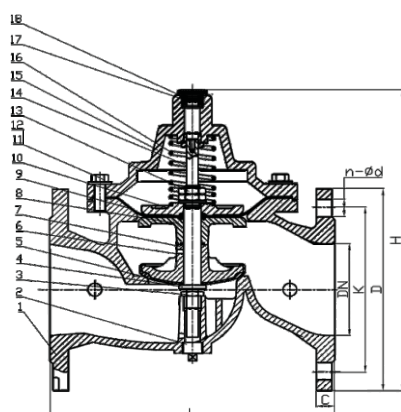
Working Pressure		16 bar
Working Temperature		120°C
Maximum pressure working		20 bar
Body test		20 bar
Test Pressure	Hydrostatic	24 bar
	Air	16 bar

Materials

No.	Part	Material	
1	Body	Ductile	ASTM A536
2	Screw Plug	Stainless Steel	AISI 304
3	Bottom Screw Guide	Bronze	ASTM C51900
4	O-Ring	Rubber	NBR
5	Disc	Ductile Iron + Rubber	EPDM
6	Screw	Stainless Steel	AISI 304
7	O-Ring	Rubber	NBR
8	Lower Plate	Ductile	ASTM A536
9	Diaphragm	Nylon Reinforced	EPDM+Nylon
10	Upper Plate	Ductile	ASTM A536
11	Bolt	Stainless Steel	AISI 304
12	Washer	Stainless Steel	AISI 304
13	Nut / Washer	Stainless Steel	AISI 304
14	Stem	Stainless Steel	AISI 304
15	Bonnet	Ductile	ASTM A536
16	Spring	Stainless Steel	AISI 304
17	Top Screw	Bronze	ASTM C51900
18	O-Ring	Rubber	NBR

Dimensions

DN	L	D	K	H	n-Ød
50	203	165	125	235	4-Ø19
65	216	185	145	258	4-Ø19
80	241	200	160	289	8-Ø19
100	292	220	180	328	8-Ø19
150	356	285	240	427	8-Ø23
200	495	340	295	550	8-Ø23



Due to continuous product development, data is not binding and may change without prior notice



PN 16

PRESSURE REDUCING VALVE



Model: 300

- Automatically, quietly and smoothly control down stream pressure, from no flow to fully open flow, regardless of varying inlet pressure and down stream demand.
- Application: Water, Sewage water, Industrial water, Sea water and building service.

Specifications

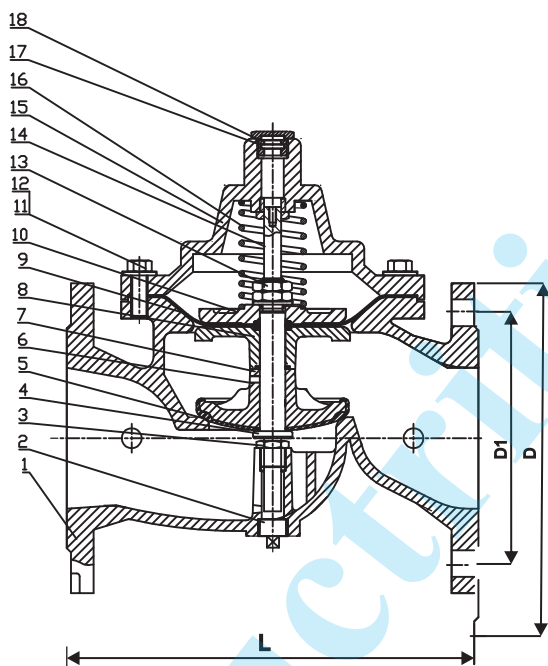
Working Pressure		16 bar
Working Temperature		120°C
Maximum pressure working		20 bar
Body test		20 bar
Test Pressure	Hydrostatic	24 bar
	Air	16 bar

Materials

No	Part Names	Material	
1	Body	Ductile Iron	ASTM A536
2	Screw Plug	Stainless Steel	AISI 304
3	Bottom Screw Guide	Bronze	ASTM C51900
4	O-Ring	Rubber	NBR
5	Disc	Ductile Iron+Rubber	EPDM
6	Screw	Stainless Steel	AISI 304
7	O-Ring	Rubber	NBR
8	Lower Plate	Ductile Iron	ASTM A536
9	Diaphragm	Nylon Reinforced Rubber	EPDM+Nylon
10	Upper Plate	Ductile Iron	ASTM A536
11	Bolt	Stainless Steel	AISI 304
12	Washer	Stainless Steel	AISI 304
13	Nut/Washer	Stainless Steel	AISI 304
14	Stem	Stainless Steel	AISI 304
15	Bonnet	Ductile	ASTM A536
16	Spring	Stainless Steel	AISI 304
17	Top Screw	Bronze	ASTM C51900
18	O-Ring	Rubber	NBR

Dimensions

DN		L	D	D1	H	n-Ød
inch	mm					
2"	50	203	165	125	235	4-Ø19
2 1/2"	65	216	185	145	258	4-Ø19
3"	80	241	200	160	289	8-Ø19
4"	100	292	220	180	328	8-Ø19
6"	150	356	285	240	427	8-Ø23
8"	200	495	340	295	550	8-Ø23 12Ø23



Due to continuous product development, data is not binding and may change without prior notice



FLEXIBLE JOINT, UNION SCREWEND

PN 16



Model: 306

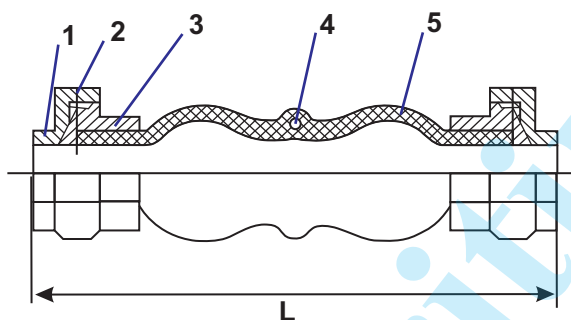
- Special synthetic rubber, twin sphere union screwend, NPT/ BS 21
- Application: hot & cold, water, warm water, sea water, Air & weak acid

Specifications

Working Pressure		16 Bar
Working Temperature		5°C - 115°C
Maximum pressure working		16 bar
Test Pressure	Hydrostatic	24 bar
	Air	16 bar
Burst pressure		50 bar

Materials

No.	Part	Material
1	Union Coupling	Galvanized Steel
2	Union Nut	Galvanized Steel
3	Union Socket	Galvanized Steel
4	Stabilizer	Steel Wire
5	Body (Rubber Bellows)	EPDM / Neoprene with Reinforcing Nylon Layer



Dimensions

Size (inch)	Neutral Length L mm	Axial Extension mm	Axial Compression mm	Lateral ± mm	Angular ± Degree
1/2"	180	6	22	22	30°
3/4"	180	6	22	22	30°
1"	180	6	22	22	25°
1 1/4"	200	6	22	22	25°
1 1/2"	210	6	22	22	25°
2"	220	6	22	22	20°

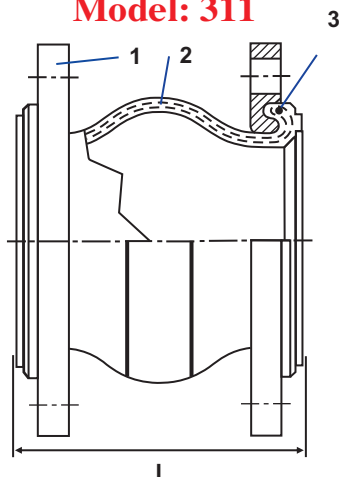
Due to continuous product development, data is not binding and may change without prior notice



FLEXIBLE JOINT, SINGLE SPHERE



Model: 311



- Special synthetic rubber, twin sphere, flange ends JIS 10K/ 16K. Isolate noise and vibration
- Application: Water, warm water, sea water, air & weak acid

Specifications

Working Pressure	16 bar
Working Temperature	5 - 115 C
Maximum pressure	16 bar
Hydraulic Test	24 bar
Burst pressure	50 bar

Materials

No.	Part	Material
1	Flange	Galvanized Steel
2	Reinforcing fabric	Nilon Fabric
3	Wire	Hard Steel
4	Stabilizer	Steel Wire

Dimensions

Size (inch)	Neutral Length L mm	Axial Extension mm	Axial Compression mm	Lateral ± mm	Angular ± Degree
1¼"	95	4	8	8	15°
1½"	95	4	8	8	15°
2"	105	5	8	8	15°
2½"	115	6	12	10	15°
3"	135	6	12	10	15°
4"	150	10	18	12	15°
5"	165	10	18	12	15°
6"	180	10	18	12	10°
8"	210	14	25	22	10°
10"	230	14	25	22	10°
12"	245	14	25	22	10°
14"	255	16	25	22	8°



FLEXIBLE JOINT, TWIN SPHERE

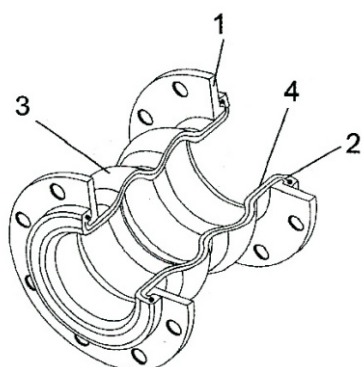


Model: 312

- Special synthetic rubber, twin sphere, flange ends JIS 10K/ 16K. Isolate noise and vibration
- Application: Water, hot water, sea water, air & weak acid, solvent

Specifications

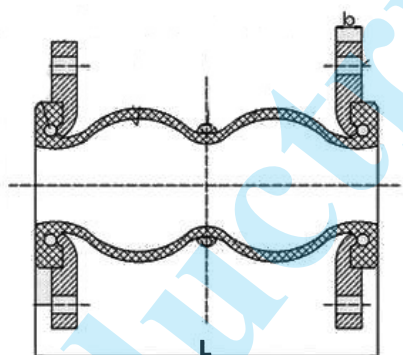
Working Pressure	16 bar
Working Temperature	5° - 115°C
Maximum pressure	16 bar
Hydraulic Test	24 bar
Burst pressure	50 bar



Materials

No	Part	Material
1	Flange	SS41 (Changeable)
2	Wire	Hard Steel Wire
3	Elastomer	Synthetic Rubber
4	Reinforcing Fabric	Nylon Fabric

Dimensions



Nominal Bore (Inner Dia.) Size	L (mm)	Axial Elongation (mm)	Axial Compression (mm)	Angular Deflection	Transverse Movement +/- (mm)
2" 50mm	175	15	20	25°	15
2 1/2" 65mm	175	15	20	25°	15
3" 80mm	175	20	25	25°	20
4" 100mm	225	20	25	25°	20
5" 125mm	225	20	25	25°	25
6" 150mm	225	20	25	25°	20
8" 200mm	325	20	25	25°	20
10" 250mm	325	25	30	25°	30
12" 300mm	325	25	30	25°	30



PN 16

EXPANSION JOINT UNION



Model: 121

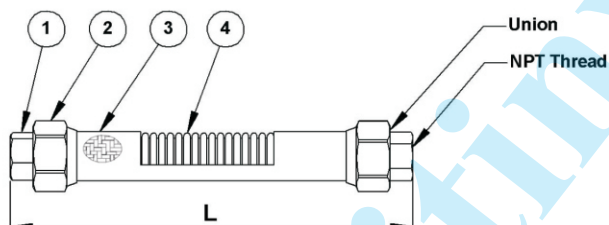
- Stainless steel expansion joint, NPT union ends
- Application: Steam, oil, gas, hot & cold water

Specifications

Working Pressure		16 bar
Working Temperature		350°C
Maximum pressure working		20 bar
Body test		25 bar
Test Pressure	Hydrostatic	25 bar
	Air	16 bar

Materials

No.	Part	Material
1	Union Screw	Malleable Iron /Stainless Steel
2	Union Nut	Malleable Iron /Stainless Steel
3	Braid	304 Stainless Steel
4	Bellows	304 Stainless Steel



Dimensions

Size	inch	1/2"	3/4"	1	1¼	1½	2
	mm	12	20	25	32	40	50
L		250	250	300	300	350	350

* Length (L) is available on request

Due to continuous product development, data is not binding and may change without prior notice



EXPANSION JOINT FLANGED ENDS

PN 16

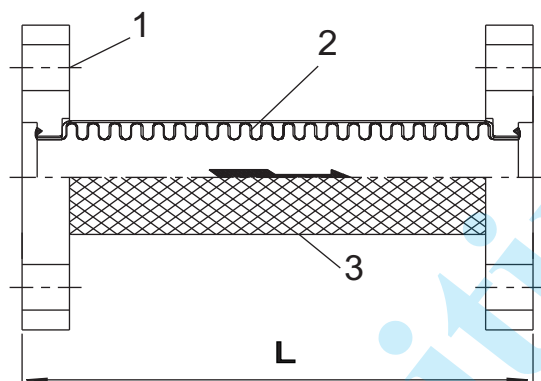


Model: 120

- Stainless steel expansion joint, flanged ends
JIS 10K / 20K / ANSI150 LBS
- Application: Steam, oil, gas, hot & cold water

Specifications

Working Pressure		16 bar
Working Temperature		350°C
Maximum pressure		20 bar
Body test		25 bar
Test Pressure	Hydrostatic	25 bar
	Air	16 bar



Materials

No.	Part	Material
1	Flange	SS 400 / Stainless Steel
2	Bellows	304 Stainless Steel
3	Braid	304 Stainless Steel

Dimensions

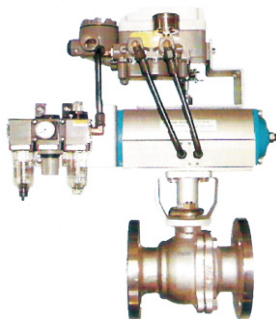
Size	inch	2"	2½"	3"	4"	5"	6"	8"	10"	12"
	mm	50	65	80	100	125	150	200	250	300
L		200	230	250	300	300	300	300	350	350

* Length (L) is available on request

Due to continuous product development, data is not binding and may change without prior notice



LINEAR ACTUATORS



THERMOSTAT



2-WAY CONTROL VALVE



2-WAY CONTROL VALVE

PNEUMATIC / ELECTRIC BALL VALVES



3-WAY CONTROL VALVE



3-WAY CONTROL VALVE



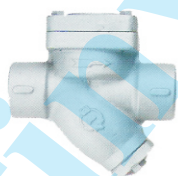
PNEUMATIC / ELECTRIC BUTTERFLY VALVES



ELECTRIC GATE VALVE



PRESSURE REDUCING VALVES



CAST IRON STEAM TRAP CLASS



CAST BRONZE SOLENOID VALVES



CAST IRON SAFETY RELIEF VALVES



INVERTED BUCKET STEAM TRAPS



CONTROL VALVE CYLINDER TYPE



SAFETY RELIEF VALVES



TESTER CAST IRON SIGHT GLASS



AIR VALVES



Due to continuous product development, data is not binding and may change without prior notice



Carbon steel pipe



Stainless steel pipe



HDPE pipe



Malleable iron fittings



Water meter



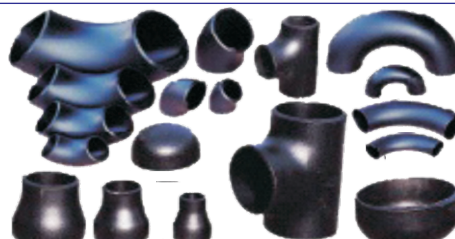
Galvanize steel pipe



Ductile Iron pipe



Flanges



Carbon Steel fittings



Pressure gauge/ Thermo meter

CÁC DỰ ÁN ĐÃ THỰC HIỆN

**NHÀ CUNG CẤP HÀNG ĐẦU CÁC LOẠI VAN, ỐNG VÀ CÁC THIẾT BỊ
CÔNG TRÌNH ĐƯỜNG ỐNG: NƯỚC, DẦU KHÍ, ĐIỆN LẠNH, HƠI, GAS, PCCC...**

- KHÔ XĂNG DẦU VŨNG RÔ
- GAS VIỆT NHẬT
- EXXON MOBIL
- WINSOR PLAZA
- CMC PLAZA

- NHÀ MÁY THÉP PHÚ MỸ
- NHÀ MÁY SƠN IC1
- NHÀ MÁY XIMĂNG SÁO MAI
- NHÀ MÁY KÍNH NỔI VIỆT NAM
- NHÀ MÁY ĐƯỜNG HẬU GIANG

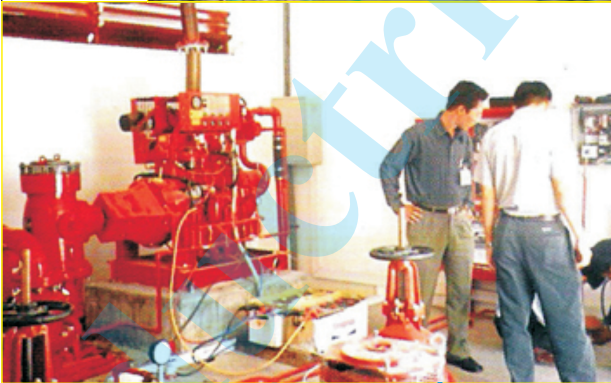
- NHIỆT ĐIỆN CÀ MAU
- DỆT PHÒNG PHÚ
- NHÀ MÁY THỦY SẢN ÚT XI
- HỆ THỐNG CẤP NƯỚC PHƯỜNG THẢO ĐIỀN. Q2
- HỆ THỐNG CẤP NƯỚC TỈNH LỘ 10

**THE LEADER SUPPLY IN VALVE, PIPE AND FITTINGS FOR PIPING SYSTEMS
WATER WORKS, OIL & GAS, HVAC, BOILER, FIRE PROTECT...**



PROJECTS' REFERENCE

THE LEADER SUPPLY IN VALVE, PIPE AND FITTINGS FOR PIPING SYSTEMS
WATER WORKS, OIL & GAS, HVAC, BOILER, FIRE PROTECT...



**NHÀ CUNG CẤP HÀNG ĐẦU CÁC LOẠI VAN, ỐNG VÀ CÁC THIẾT BỊ
CÔNG TRÌNH ĐƯỜNG ỐNG: NƯỚC, DẦU KHÍ, ĐIỆN LẠNH, HƠI, GAS, PCCC...**

TRƯỜNG CHINH VÀ PHẠM VĂN ĐÌNH

Q. TÂN BÌNH

KCN TÂN BÌNH

Q.12

TRƯỜNG CHINH

CẦU THAM LƯƠNG

118/127A/41

CHỢ BẢO NGỌC TỬ

TƯỜNG AN

HẼM 118

PHAN HUY ÍCH

HÓA CHẤT
TÂN BÌNH