



# Goulds e-NSC Series

HIGH FLEXIBILITY, HEAVY DUTY END SUCTION PUMPS FOR BUILDING SERVICES,  
PUBLIC UTILITIES AND INDUSTRY

# Taking end suction pumps to a new level

By combining high efficiency with high flexibility regarding installation, material options and temperature, the new Goulds e-NSC series is the natural choice for water transport, hydronic heating and chiller systems, fire protection systems and a vast number of industrial applications. With efficiency levels well exceeding ErP 2015, the e-NSC series offer long term economical pumping solutions.



## Range Overview

Sizes: DN32 to DN300  
Power: 1,1 kW - 75 kW (2-pole) 0,25 kW - 315 kW (4-pole)  
Heads up to: 160 m  
Flows up to: 1800 m<sup>3</sup>/h  
Pressure class: PN16  
Temperature of pumped liquid: -25°C to +120°C, extended temperature version -25°C to +140°C  
Variable speed option: Hydrovar

## High efficiency.

New designed high efficiency hydraulics with MEI values well above the ErP2015 level and IE3 motors set the basis for very low operation costs.

## Long service life & easy maintenance.

Robust design, different bearing frame sizes and stainless steel replaceable wear rings ensure a long service life. The e-NSC is also designed for easy maintenance and all service points are easy reachable to reduce downtime.

## Adapt to needs.

In many applications, the need for water is always varying. By equipping the e-NSC with a Hydrovar pump controller, the duty is always exactly where it should be. And it pays off: reducing the speed by 50% reduces the power consumption by 85%.

## Exactly the right configuration.

With materials options spanning from cast iron to duplex stainless steel, the e-NSC is the right solution for 1000's of liquids.

## Hot or cold.

The standard e-NSC can handle liquid temperatures from -25°C up to +120°C, extended temperature version from -25°C up to +140°C.

## No leakage.

The e-NSC offers a wide range of mechanical face seal options regarding types and materials.



## Material Options

**Pumphousing:** cast iron, ductile iron, stainless steel 1.4401/1.4408, duplex stainless steel 1.4517  
**Impeller:** cast iron, bronze, stainless steel 1.4401/1.4408, duplex stainless steel 1.4517  
**Elastomers:** EPDM, FPM (other materials on demand).  
**Mechanical face seal:** Carbon, Ceramic, Silicon carbide and Widia

## Configuration Options

**Configurations:** Bare shaft, closed coupled and frame mounted

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- 2) a leading global water technology company.

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