

Lowara e-NSC Series

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

LOWARA
a xylem brand

Taking end suction pumps to a new level

By combining high efficiency with high flexibility regarding installation, material options and temperature, the new Lowara 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.



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.



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^3/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

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 marterials on demand).
Mechanical face seal: Carbon, Ceramic, Silicon carbide and Widia

Configuration Options

Configurations: Bare shaft, closed coupled and frame mounted

Xylem |'zīləm|

1) The tissue in plants that brings water upward from the roots;
2) a leading global water technology company.

We're approximately 12,500 people unified in a common purpose: creating innovative solutions to meet our world's water needs. Developing new technologies that will improve the way water is used, conserved, and reused in the future is central to our work. We move, treat, analyze, and return water to the environment, and we help people use water efficiently, in their homes, buildings, factories and farms. In more than 150 countries, we have strong, long-standing relationships with customers who know us for our powerful combination of leading product brands and applications expertise, backed by a legacy of innovation.

For more information on how Xylem can help you, go to xyleminc.com.

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