



Lowara 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 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.



Range Overview

Sizes: DN100, DN125, DN150, DN200, DN250, DN300

Power: 18,5 kW - 200 kW (2-pole) 3 kW - 355 kW (4-pole)

Heads up to: 120 m

Flows up to: 1800 m³/h

Pressure class: PN16

Temperature of pumped liquid: -20°C to +140°C, extended temperature

version -40°C to +180°C



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 -20°C up to +140°C and the extended temperature version from -40°C up to +180°C.

No leakage

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

Material Options

Pumphousing: cast iron

Impeller: cast iron

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

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