

Xylem |'zīləm|

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

We're a global team unified in a common purpose: creating advanced technology solutions to the world's water challenges. Developing new technologies that will improve the way water is used, conserved, and re-used in the future is central to our work. Our products and services move, treat, analyze, monitor and return water to the environment, in public utility, industrial, residential and commercial building services settings. Xylem also provides a leading portfolio of smart metering, network technologies and advanced analytics solutions for water, electric and gas utilities. 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 with a strong focus on developing comprehensive, sustainable solutions.

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

xylem
Let's Solve Water



e-1610 Series

High Flexibility, Heavy Duty End Suction Pumps For Building Services, Public Utilities And Industry

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Let's Solve Water

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LOWARA
a xylem brand

Taking end suction pumps to a new level

By combining high efficiency with high flexibility for installation, material options and temperature, the new Lowara e-1610 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-1610 series offer long term economical pumping solutions.



High efficiency

Newly designed high efficiency hydraulics with MEI values well above the ErP2015 level and IE3 motors set the basis for very low operating 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-1610 is also designed for easy maintenance and all service points are easily reachable to reduce downtime.

Adapt to needs

In many applications, the need for water is always changing. Equipping the e-1610 with a Hydrovar pump controller will match pump performance to demand. 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-1610 is the right solution for thousands of liquids.

Hot or cold

The standard e-1610 can handle liquid temperatures from -25°C up to +120°C, and the extended temperature version from -25°C up to +140°C.

No leakage

A wide range of materials is available for the mechanical face seal.

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: 1800m³/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 materials on demand).

Mechanical face seal: Carbon, Ceramic, Silicon carbide and Widia

Configuration options

Configurations: Bare shaft, closed coupled and frame mounted