NEW

Lowara e-SH - 316 Stainless Steel End Suction Series

HIGHER HYDRAULIC EFFICIENCIES & MOTOR PERFORMANCES MADE OF AISI 316 STAINLESS STEEL FOR A WIDE RANGE OF APPLICATIONS.

LOWARA
a xylem brand

Higher Hydraulic efficiencies with IE3 motors fitted as standard

The Lowara e-SH series is a single impeller centrifugal pump made in AISI 316 stainless steel this series has a pullback design which allows the impeller, adapter and motor be extracted without disconnecting the pump body from the piping system.
Hydraulic efficiency has been improved which exceeds the ErP compliance of MEI 0.4, IE3 motors are fitted as standard and IE4 can be obtained by fitting our Hydrovar variable speed drives.

Range Overview

Sizes: DN 25, DN 32, DN40, DN 50, DN 65 & DN80
Power: 0.75 kW – 75 kW (2-pole) 0.25 kW – 11 kW (4-pole)
Heads up to: 110 m
Flows up to: 240 m^3/h
Pressure class: PN12
Temperature of pumped liquid: -10°C to +120°C, extended temperature, version -30°C up to +120°C
Variable speed option: Hydrovar

High efficiency.

Newly 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, available in three motor pump coupling designs,

1: Close coupled extended shaft.
2: Close coupled stub shaft to any standardized motor.
3: Frame mounted with baseplate and coupling Stainless steel replaceable wear rings ensure a long service life. The e-SH series 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-SH 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.

Pump and impellers made in AISI 316 stainless steel with choice of mechanical seals / motor options the e-SH is the right solution for 1000's of liquids. Applications such as handling clean water, chemically non-aggressive or moderately aggressive fluids, water supply, pressure boosting, water circulation, washing systems or industry.

Hot or cold.

The standard e-SH can handle liquid temperatures from -10°C up to +120°C and the extended temperature version from -30°C up to +120°C.

Material Options

Pump housing: Pump Body AISI 316 stainless steel
Impeller: Fabricated AISI 316 laser welded stainless Steel or AINI 316 cast stainless Steel
Elastomers: FPM (other materials available on request)
Mechanical Seal: Ceramic, Carbon, FPM (other options available on request)
Configuration Options: Extended Shaft, Stub Shaft or Frame mount

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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Let's Solve Water

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