e-SV™ Series

STAINLESS STEEL VERTICAL MULTI-STAGE PUMPS

LOWARA
a xylem brand

Hydraulic performance range

extra efficient

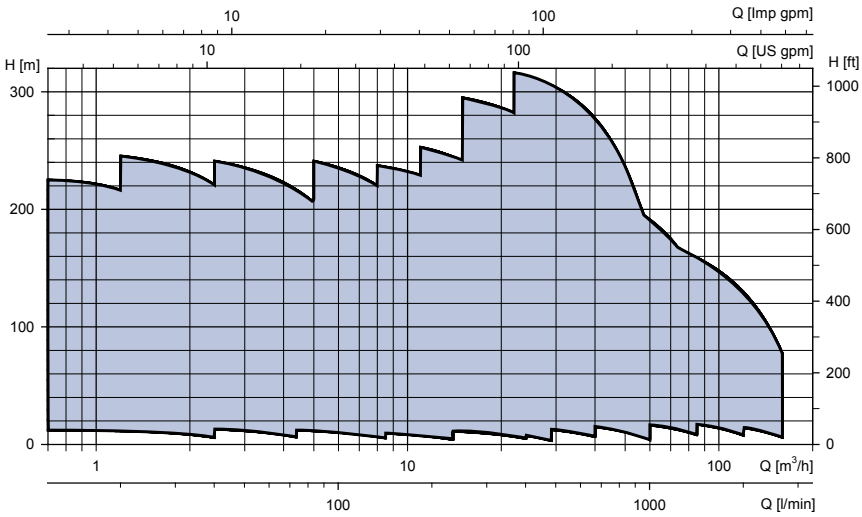
The e-SV™'s hydraulics, combined with a high-effi ciency motor (IE3) deliver maximum efficiency.

easy to maintain

The e-SV™'s design allows removal of the mechanical seal without having to remove the motor, reducing repair time by up to 50%. A standard DIN mechanical seal, wearing components, service tools and standard IEC motors enable faster and easier maintenance and servicing.

energy saving

Pumps are among the largest users of industrial energy. Do your part to reduce CO_2 emissions and your impact on the environment - and improve your bottom line - by taking advantage of the e-SV™'s lower energy requirement. Use a e-SV™ pump along with a variable speed drive such as Xylem's Hydrovar® or its Smart version, and save even more energy and money.



Benefits.

The e-SV™ range of pumps features 11 models, and can be specially configured for a wider range of applications. The line is interchangeable with Lowara's SSV series of vertical multi-stage pumps for added flexibility in meeting pumping requirements. Additionally, five e-SV™ manufacturing facilities around the world provide shorter lead times and faster service.

Applications.

- Water supply and pressure boosting
- Water treatment
- Light industry
- Irrigation and farming
- Heating, ventilation and air-conditioning

Specifications.

Delivery	up to 160 m^3/h
Head	up to 330 m
Power supply	three-phase and single-phase 50 and 60 Hz
Power	standard motors from 0.37 kW to 55 kW
Maximum operating pressure	PN25-40 for sizes 1-22SV; PN16, PN25, PN40 for sizes 33-125
Temperature of pumped liquid	-30°C to +120°C standard version
Protection	IP55
Insulation class	F
Variable speed (on pumps and Booster Packages)	with Hydrovar® and other VFDs; Smart version with IE5 permanent magnet motor and embedded drive

Special versions.

- Low NPSH
- High Pressure up to 45 bars
- High Temperature up to 150 and 180°C
- Passivated and Electropolished
- Horizontal installation
- Space saving

Xylem |ˈzīləm|

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

LOWARA

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