



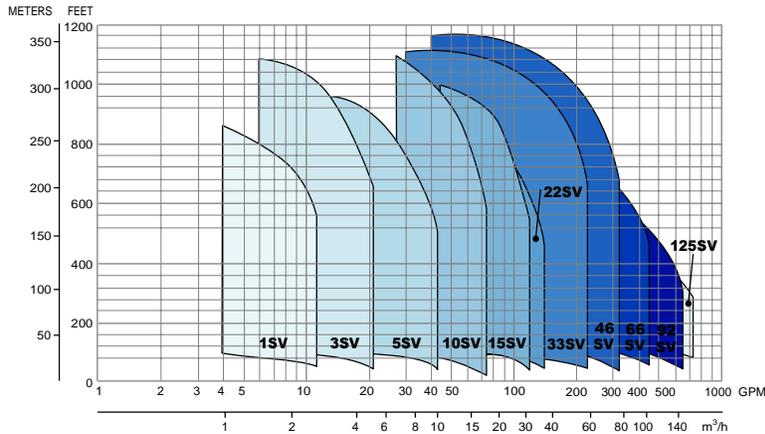
e-SV™ Series

STAINLESS STEEL VERTICAL
MULTI-STAGE PUMPS

BROeSV

 **GOULDS**
WATER TECHNOLOGY
a xylem brand

Hydraulic performance range



extra efficient

The e-SV's newly-designed hydraulics, combined with a high-efficiency motor (EISA compliant) deliver maximum efficiency.

energy saving

Pumps are among the largest users of industrial energy. Do your part to reduce CO₂ emissions and your impact on the environment -- and improve your bottom line - by taking advantage of the new e-SV's lower energy requirement. Use a new e-SV pump along with a variable speed drive such as Xylem's Hydrovar[®], and save even more energy and money.

easy to maintain

The e-SV's new design allows removal of the mechanical seal without having to remove the motor, reducing repair time by up to 50%. A standard mechanical seal, wearing components, service tools and standard NEMA motors enable faster and easier maintenance and servicing. Available on pumps 10 HP and above, the patented i-ALERT[™] monitor continuously measures vibration to support optimum performance.



■ 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 Goulds Water Technology Pumps' 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

| | |
|------------------------------|---|
| Flow | up to 700 GPM |
| Head (TDH) | up to 1150 ft |
| Power supply | three-phase and single-phase 50 and 60 Hz |
| Power | standard motors from 0.5 HP to 75 HP |
| Maximum operating pressure | PN25-40 for sizes 1-22SV; PN16, PN25 PN40 for sizes 33-46SV; PN16, PN25 for sizes 66-92SV |
| Temperature of pumped liquid | -22°F to 250°F standard version / up to 350°F in "hot water design" |
| Protection | ODP, TEFC, Prem. Eff Std. |
| Insulation class | F |
| Combination | with Hydrovar® and other VFDs (on pumps and Booster Packages) |

e-SV™ Series stainless steel vertical multi-stage pumps

Why “e”-SV? “e” stands for the ultimate in energy efficiency, easy installation and economical operation - a new generation of vertical, multi-stage pumps that deliver outstanding performance and reliability. Developed based on intensive research into user needs, the new e-SV pumps are designed to extend uptime and help reduce lifecycle costs in a wide variety of demanding applications.

