



**express**

LOCAL  
PRODUCTION



# eXpress Variable Speed Drive Booster Sets

e-SV pump booster sets with the new 5th generation Hydrovar®  
now available with eXpress delivery

# Premium quality combined with eXpress delivery

The GHV booster set combines the highly reliable multistage e-SV pump with the new 5th generation Hydrovar® and is now available from stock or manufactured in  $\leq$  two weeks excluding delivery time.\*



**Six pump models are available on eXpress lead times.**

\* Delivery times to be agreed with our sales office when you place your order.



## Xylect Selection Software

Xylect, the online comprehensive sizing and selection tool that makes it easy to find the right product for the right application. The system is web-based, so it offers you quick access and up-to-date information.

**Please visit [Xylect.com](https://www.xylect.com)**



# Select from the following available models:

Type	Family Code	Part Number	No. of Pumps
GHV20/3SV08F007T/2	5D	1008000086	2
GHV20/3SV12F011T/4	5D	1008000098	2
GHV20/5SV08F011T/4	5D	1008000152	2
GHV20/5SV14F022T/4	5D	1008000170	2
GHV20/10SV06F022T/4	5D	1008000213	2
GHV20/10SV08F030T/4	5D	1008000219	2
GHV20/10SV11F040T/4	5D	1008000228	2
GHV20/15SV05F040T/4	5D	1008000255	2
GHV20/15SV09F075T/4	5D	1008000263	2
GHV20/22SV07F075T/4	5D	1008000289	2
GHV20/22SV10F110T/4	5D	1008000295	2
GHV20/33SV3/2AG055T/4	5D	1008000314	2

## Please note:

For more information on the range available please contact our sales office.

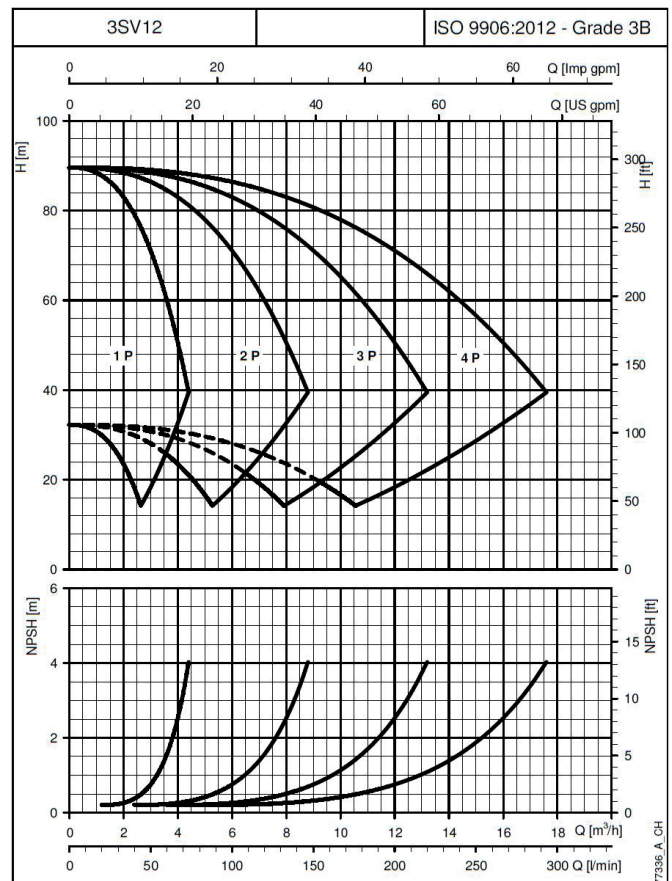
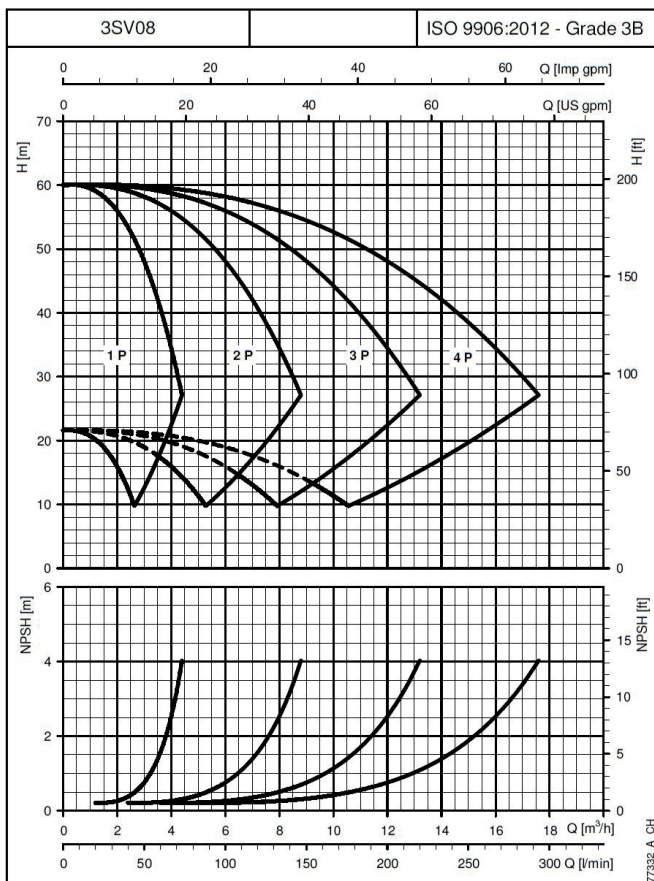
All of the sets detailed in the table include 2 or 3 off 24 litre vessels supplied separately.

Vessels are 10 or 16 bar rated in order to cover the closed valve pump pressure.

Volt free contacts wired from the Hydrovar head back to the control panel.

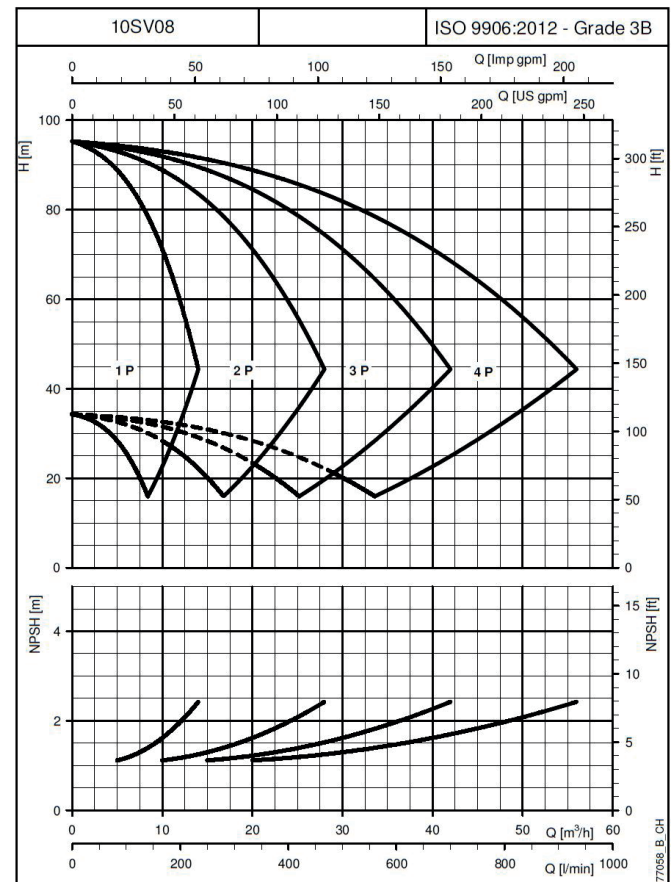
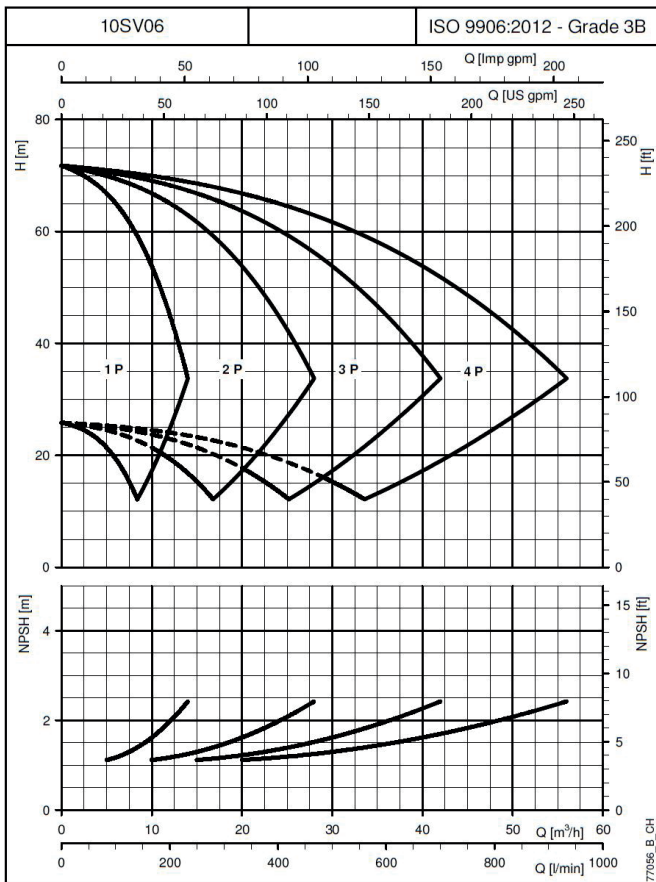
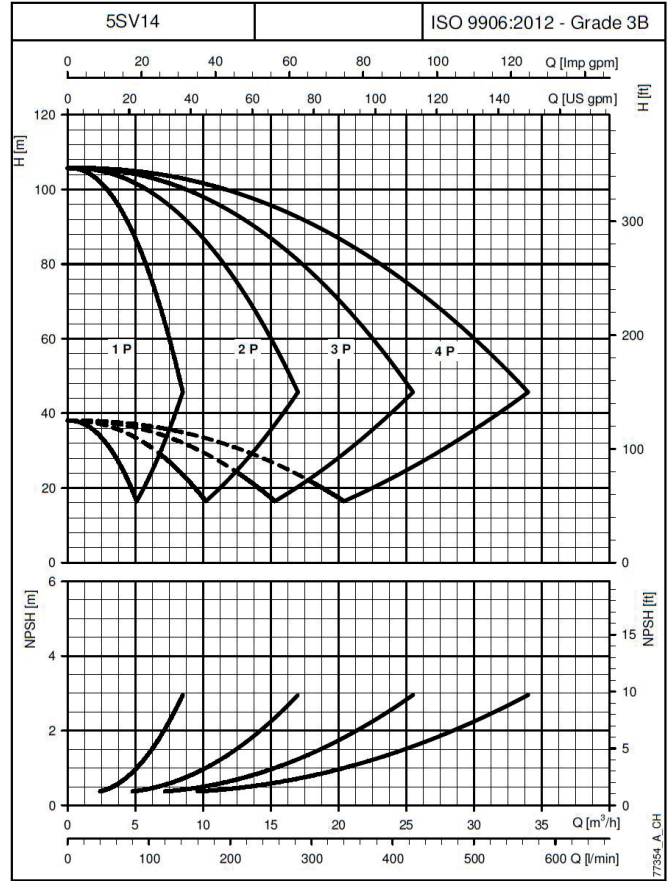
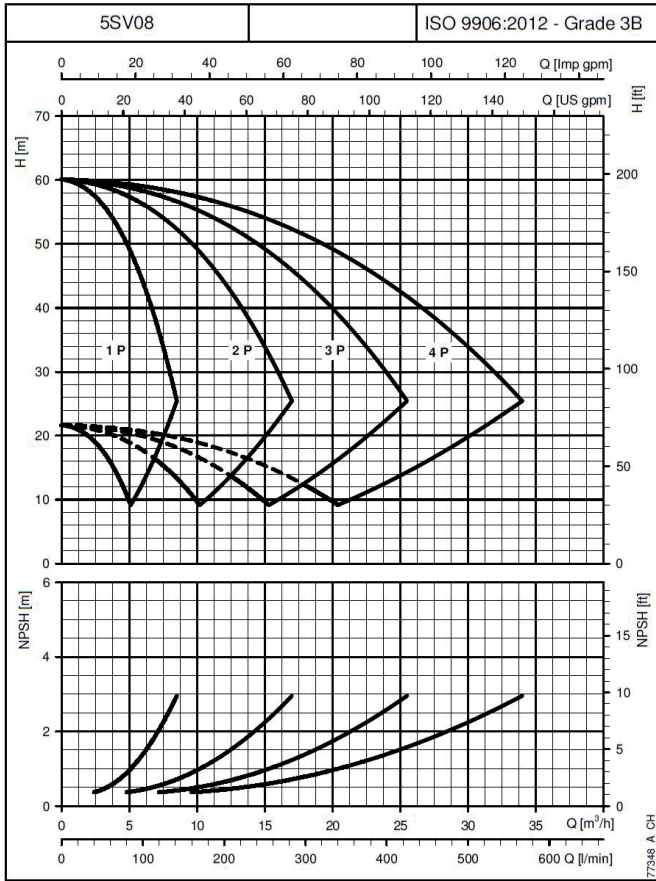
Fill Mode is standard on these sets to help reduce pipe stress on initial power up, after power failure or on reinstatement of a low water condition.

## GHV.../SV BOOSTER SETS SERIES OPERATING CHARACTERISTICS AT 30 - 50 Hz



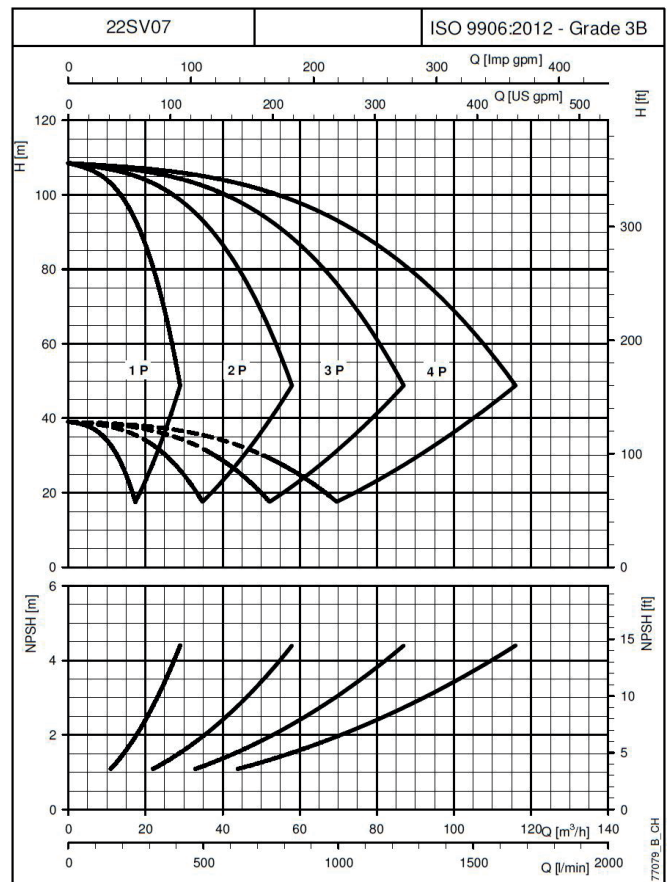
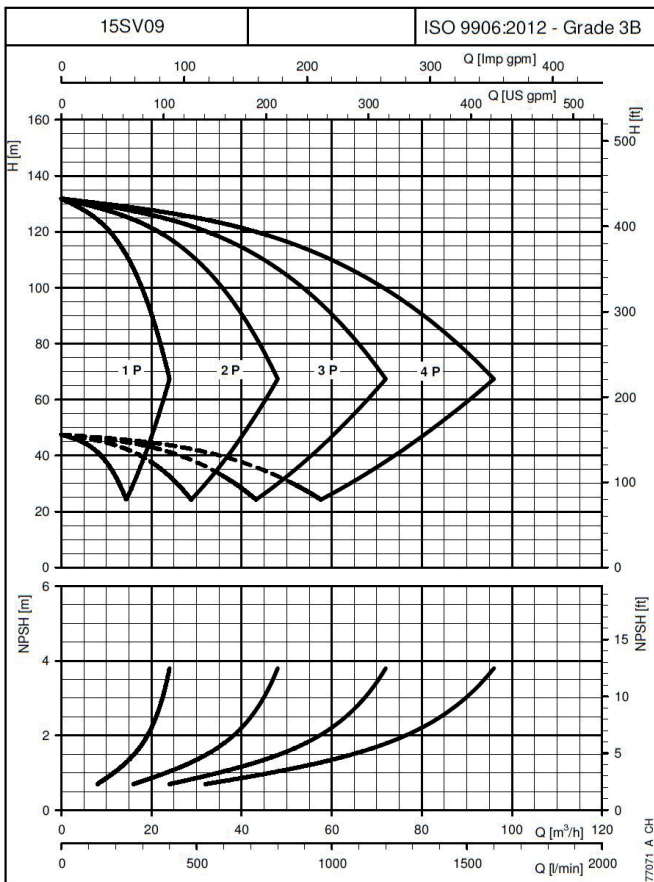
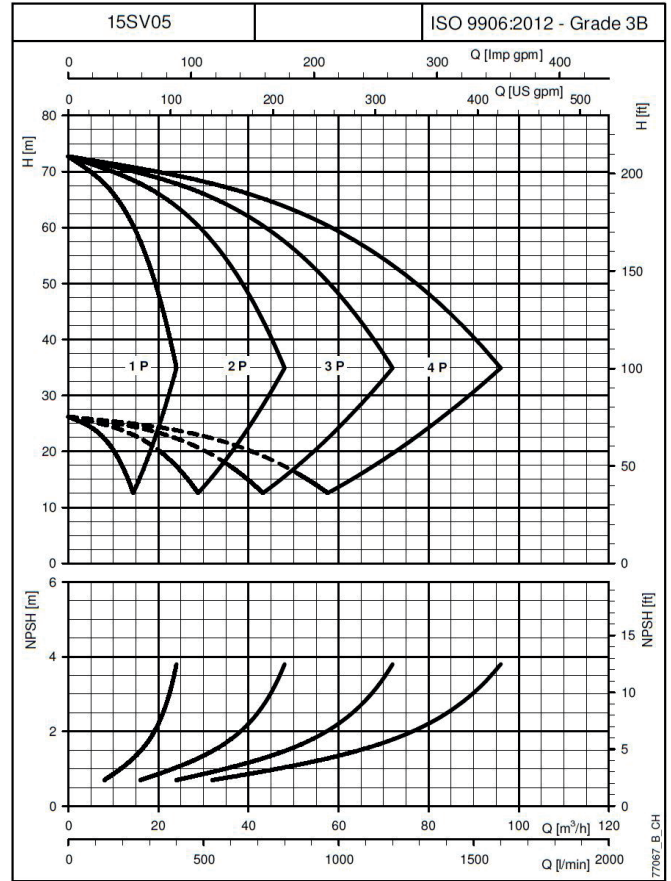
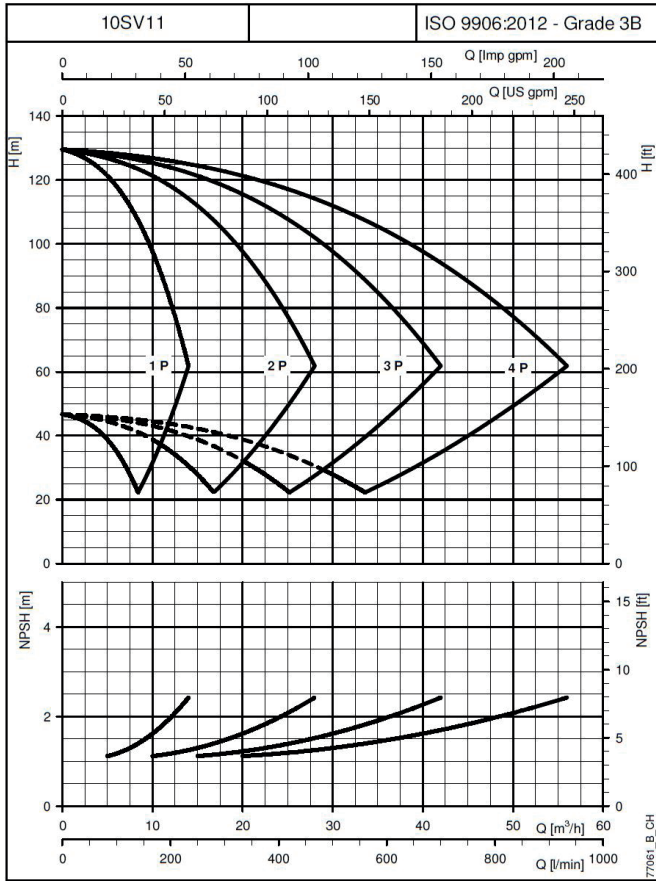
The performance curves do not take into account flow resistance in the valves and piping. The curves show the performance with one, two, three and four pumps running. These performances are valid for liquids with density  $\rho = 1.0 \text{ Kg/dm}^3$  and kinematic viscosity  $\nu = 1 \text{ mm}^2/\text{sec}$ . The declared NPSH values are laboratory values; for practical use we recommend increasing these values by 0,5 m.

# GHV.../SV BOOSTER SETS SERIES OPERATING CHARACTERISTICS AT 30 - 50 Hz



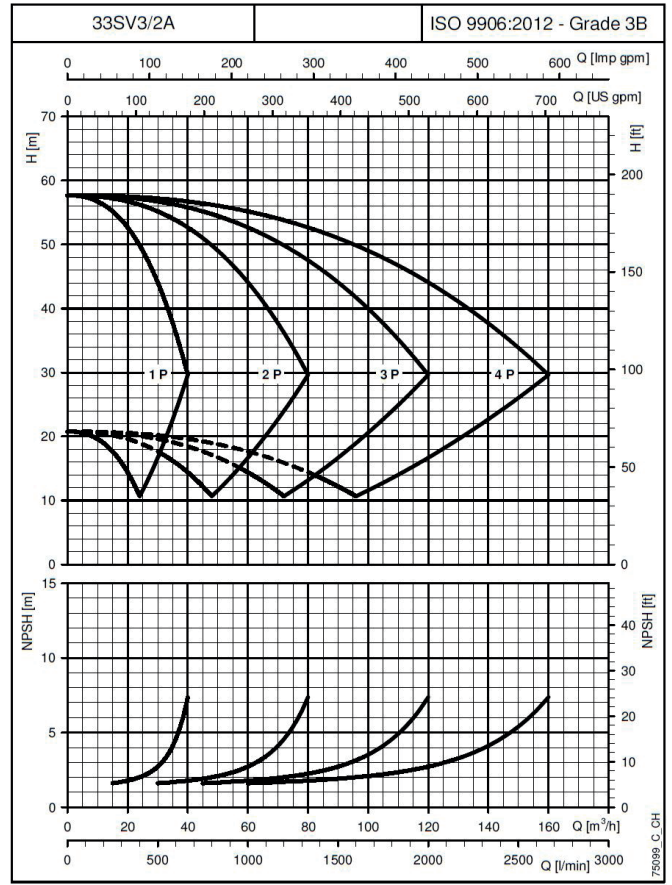
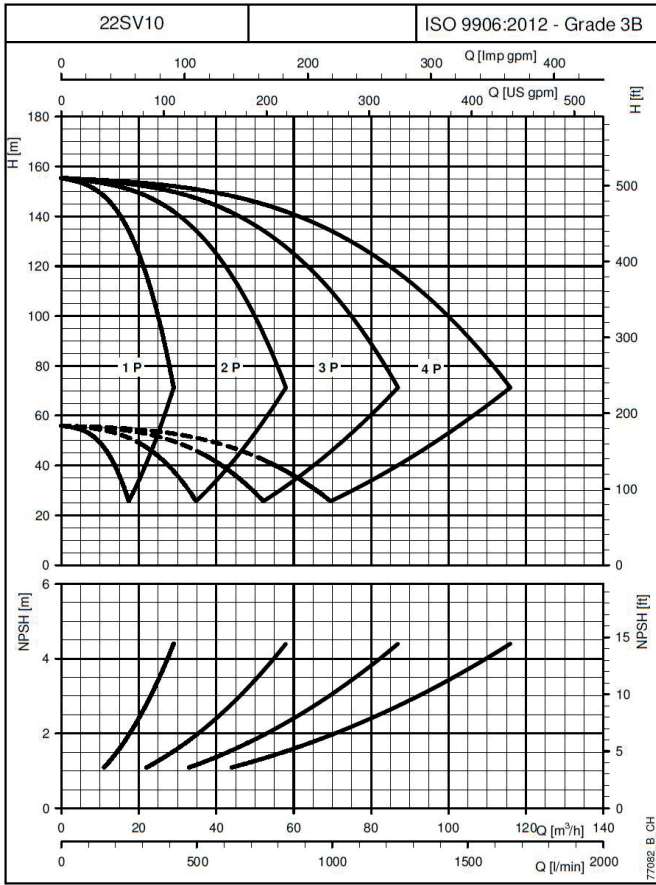
The performance curves do not take into account flow resistance in the valves and piping. The curves show the performance with one, two, three and four pumps running. These performances are valid for liquids with density  $\rho = 1.0 \text{ Kg/dm}^3$  and kinematic viscosity  $\nu = 1 \text{ mm}^2/\text{sec}$ . The declared NPSH values are laboratory values; for practical use we recommend increasing these values by 0,5 m.

# GHV.../SV BOOSTER SETS SERIES OPERATING CHARACTERISTICS AT 30 - 50 Hz



The performance curves do not take into account flow resistance in the valves and piping. The curves show the performance with one, two, three and four pumps running. These performances are valid for liquids with density  $\rho = 1.0 \text{ Kg/dm}^3$  and kinematic viscosity  $\nu = 1 \text{ mm}^2/\text{sec}$ . The declared NPSH values are laboratory values; for practical use we recommend increasing these values by 0,5 m.

# GHV.../SV BOOSTER SETS SERIES OPERATING CHARACTERISTICS AT 30 - 50 Hz



The performance curves do not take into account flow resistance in the valves and piping. The curves show the performance with one, two, three and four pumps running. These performances are valid for liquids with density  $\rho = 1.0 \text{ Kg/dm}^3$  and kinematic viscosity  $\nu = 1 \text{ mm}^2/\text{sec}$ . The declared NPSH values are laboratory values; for practical use we recommend increasing these values by 0,5 m.





## The booster that delivers

Since 2014, Lowara's GHV booster series has been improving water performance in numerous different sites, including office towers, hotels, mines, public buildings, housing complexes, shopping centres, industrial plants and agricultural applications.

The GHV series is equipped with up to four e-SV vertical multistage pumps, each one fitted with a Hydrovar HVL variable frequency drive, pressure transmitters and a control panel—all mounted on a frame for easy installation. This series is easy to program, designed for maximum energy efficiency and can communicate with a BMS system via Modbus or BACnet.

End-users benefit from a host of features, including dry run protection, low noise, small plant room footprints, no large pressure vessels, soft start, no hydraulic shock, auto changeover, fault history, protection against under/over voltage, and back-flow protection through the use of a Cat 5 break tank type A/ B air gap. It has a timed delay fill mode which ensures the pumping system does not flood the building on startup during a power failure due to the hydraulic surge.

## Product Features

- Fully automatic
- Certified for use with potable water
- All pumps are individually variable speed controlled for best economy and system reliability
- Equipped with 1 to 4 Lowara e-SV multistage pumps and Hydrovar HVL variable speed controllers
- Easy to install and commission, no advanced programming necessary
- Communicate with BMS systems
- Certified for use with potable water
- Delivery: up to 56.5m<sup>3</sup>/h
- Head: up to 125m

The Lowara GHV series from Xylem can meet the exact flow and pressure requirements across various applications, and Xylem's Hydrovar intelligent pump controller helps our customers achieve significant cost savings.

Now this incredible value is available for delivery across Africa in vastly reduced times. Contact Xylem Africa or one of our partners to learn more about how Lowara's GHV boosters can save you money, deployed quickly to save your time as well.

# 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](http://www.xylem.com)**



## Xylem Water Solutions Africa

South Africa  
Plumbago Business Park, 3A Spier  
Street, Glen Erasmia,  
Kempton Park, Johannesburg  
Tel +27 (0) 11 966 9300  
Email [sales.za@xylem.com](mailto:sales.za@xylem.com)