



# GS Series

SENSORPRESS BOOSTER SYSTEMS

# GS Series

The GS range of fixed speed booster sets includes models with 2 to 3 electric service pumps. The start and stop of the pumps is based on the pressure values set on a pressure switch, in order to deliver the water required. With the cyclic changeover function, duty assignment is rotated to ensure both pumps remain active and with even running hours, so wear is uniform and the use factor is reduced for longer pump life.

This system also ensures continuity of operation, in case one of the pumps needs maintenance. The electric pumps used in the GS range are eSV series vertical multistage pumps. Pumps are controlled by an electric control panel with a new electronic card with display on the front door. The electronic card and panel can also be used for waste water applications with up to 3 pumps installed.

## Benefits.

Water supply and waste water applications

Start and stop of the pumps on level or pressure value

Pumps rotation on pump start

Modbus serial interface (Optional)

Digital inputs and outputs

Cascading effect

Trouble free installation

Trouble free servicing

Compact solution for commercial use

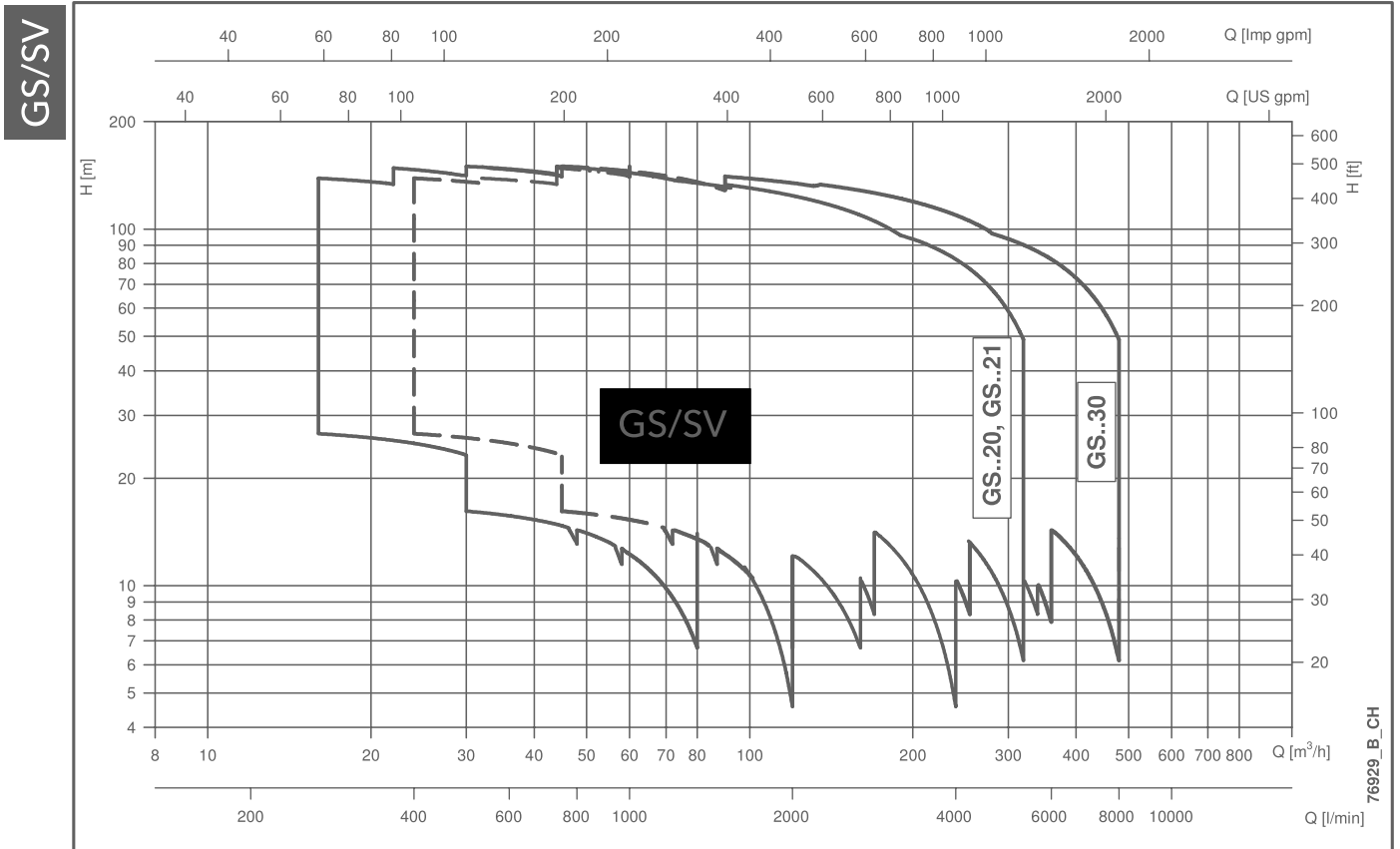
Complete factory tested system



## Specifications.

Booster sets with eSV series vertical multistage pumps with the following performances:	Max flow: up to 480 m <sup>3</sup> /h Head: up to 150 m
Maximum operating pressure:	25 bar
Configuration of the electronic card and its functionality can happen in the following ways:	by panel with function key by RS 485 setting modbus registers (Optional)

# GS/SV SERIES HYDRAULIC PERFORMANCE RANGE AT 50 Hz



## Alarms.

The following alarms can be set in the main menu:

Dry running protection

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Overload protection

## Applications.

These kinds of booster sets are used for water supply applications, in the following facilities.

Commercial building

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Schools

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Offices

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Hotels

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Public and private healthcare systems

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Industrial premises

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Public buildings

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Theatres

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Camping



The Xylem GS booster systems are equipped with eSV series vertical multistage pumps. These high efficiency pumps with EFF1 motors offer higher efficiency and energy savings. Thanks to the reliability and efficiency of the SV range of multistage centrifugal pumps, combined with the new controller, we can provide the best solution for our booster systems.

# Reliability and efficiency



## New designed controller.

If the brain of Sensorpress booster systems is the new controller, then eSV vertical multistage pumps are the heart of the booster sets.

High-tech pumps and high efficiency motors give sensorpress booster systems the highest level of quality.



The eSV pumps used in the sensorpress booster systems are easy to install and to replace. Thanks to their simple maintenance, the mechanical seal can be replaced quickly without removing the electric motor. High level of performance, high efficiency, stainless steel technology and a wide range of models enable many booster system combinations for any application.

Multi-pump control ensures a balanced system, with rotation for each pump. With the high quality level of Xylem motors fitted on eSV pumps, the Sensorpress booster system ensures low noise and the best comfort for all users.



Xylem (XYL) is a leading global water technology provider, enabling customers to transport, treat, test and efficiently use water in public utility, residential and commercial building services, industrial and agricultural settings. The company does business in more than 150 countries through a number of market-leading product brands, and its people bring broad applications expertise with a strong focus on finding local solutions to the world's most challenging water and wastewater problems. Xylem is headquartered in Rye Brook, N.Y., with 2013 revenues of \$3.8 billion and more than 12,500 employees worldwide. Xylem was named to the Dow Jones Sustainability World Index for the last two years for advancing sustainable business practices and solutions worldwide.

The name Xylem is derived from classical Greek and is the tissue that transports water in plants, highlighting the engineering efficiency of our water-centric business by linking it with the best water transportation of all - that which occurs in nature. For more information, please visit us at [www.xyleminc.com](http://www.xyleminc.com)



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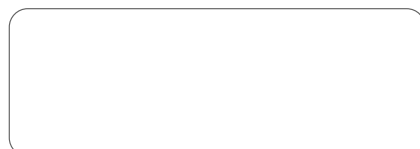
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The specifications and features may change before prior notice.