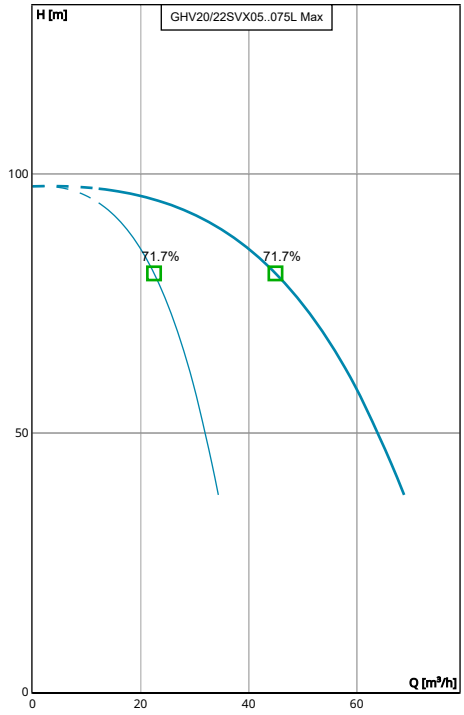
GHV20/22SVX05F075L/4 | Configuration Summary



Performance according to ISO 9906:2012

The GHV hydrovar® X series booster sets are fully automatic variable speed solutions for water supply, water pressure increase and water transfer in condominiums, office buildings, hotels, public buildings, industries and other applications.

PUMP

Installation
Non-return valve in Delivery side

Pump Size
22SV05L

Hydrovar Name
hydrovar X+

MATERIALS

Construction
Standard version

SEAL

Type of Seal
Mechanical Seals

Name
Q1BEGG

Rotating Face
Silicon Carbide

Stationary Face
Carbon

Elastomers
EPDM

Springs
AISI 316

Metal Components
AISI 316

STANDARD OPTIONS

Include Certified Pump
No

Include Optical Sensor
No

Include Protection Against Dry Running
No

Suction Side
Standard suction

High Pressure Protection Switch
No

Control Panel With Phase Missing
No

Pressure Transmitters and HYDROVAR® Without Control Panel-Bracket
No

MOTOR

Power
7.5 kW

Phase (~)
3

Voltage
380-480 V

Control Panel Power Supply
3 PH x 400 V

FLANGE

Flange
[F] = Round Flanges (AISI 304)

VFD

Phase
3

Supply Voltage
400 V

Project:	Created By:	Created On:	Last Update:
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Control Panel with Cloud Connect Device No	Wall Mounted Control Panel No
IT Neutral No	

GHV20/22SVX05F075L/4 | Product Details

Construction Materials

- Slinding, blind, weld flange
- Pump counterflange (-)
AISI 304

Base (-)
Painted steel

Bracket (-)
Painted steel

Caps/plugs (-)
AISI 316

Fittings (-)
AISI 316

Manifolds (-)
AISI 304

Non-return valves, threaded (-)
Body: Brass
Shutter: Brass

On-off valves, threaded (-)
Nickel plated brass

Pressure gauge (-)
Water connection: Brass
Cover ABS
Fluid: -

Pressure switches (-)
Galvanized steel / AISI 304

Pressure transmitters (-)
AISI 304

Pump flange (-)
F/R

Screws, nuts, washers (-)
AISI 316

Vacuum pressure gauge (-)
Water connection: Brass
Cover ABS
Fluid: glycol

Motor

Motor Name
EXM132B5SV/4.075C

Phase
3

Voltage
380-480 V

Speed
3600.0 rpm

Rated Current
13.7 A

Rated power
7.5 kW

IE Class
IE5

Motor Vendor
Xylem

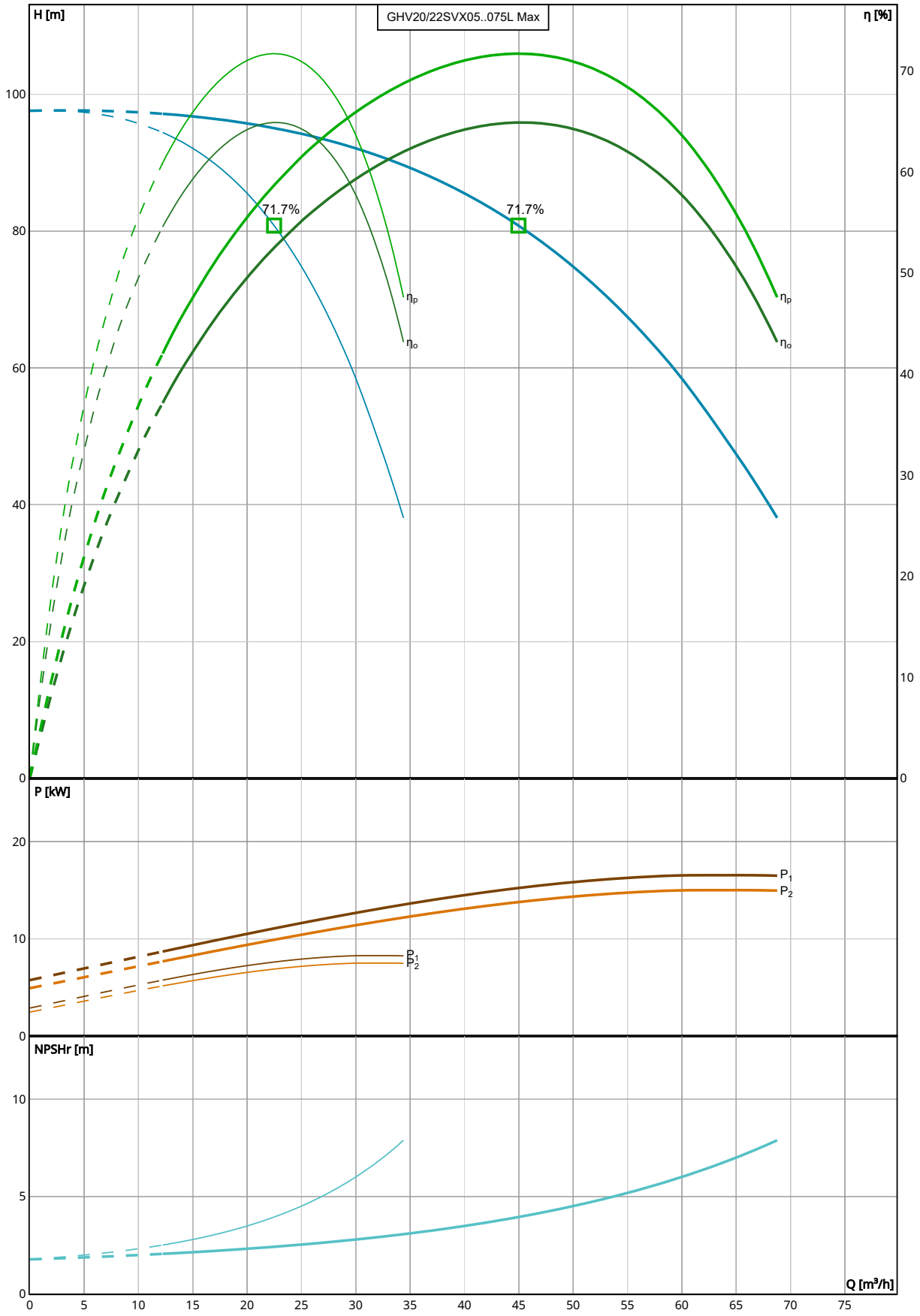
Enclosure
IP 55

Frame Size
132

ICL
F

Standard
IEC

GHV20/22SVX05F075L/4 | Hydraulic Data & Performance Curve



Performance according to ISO 9906:2012

Project:	Created By:	Created On:	Last Update:
GHV20/22SVX05F075L/4	-	19/08/2026	-

Selection

Series
GHV hydrovar X e-SV

Name
GHV20/22SVX05..075L

Stages
5

Frequency
50 Hz

Suction Type
Pressurized

Station Losses
344.74 mbar

Acceptance Grade
Manufacturer's Standard

System Type
Multi Pump

Operating Pumps
2

Standby Pumps
No Standby Pump

Fluid and Operating Conditions

Fluid Type
Water

Fluid Temperature
4 °C

Specific Gravity
1

Density
1,000 kg/m³

Dynamic Viscosity
0.002 Pa·s

Fluid Vapor Pressure
8.14 mbar

Atmospheric Pressure
1,013.53 mbar

Elevation
0 m

Ambient Temperature
20 °C

NPSH Available
10.27 m

Submergence
0 m

Design Curve - Single Pump

Rated Speed
3,350 RPM

Min Flow (1x)
12.23 m³/h

Max Flow (1x)
34.39 m³/h

H@QMin (1x)
94.41 m

H@QMax (1x)
38.08 m

BEP (1x)
71.71 %

BEP Flow (1x)
22.48 m³/h

BEP Head (1x)
80.8 m

Max Operating Pressure (1x)
9,560.6 mbar

Shut Off Head (1x)
97.58 m

Max P2 (1x)
7.5 kW

Design Curve - System

Rated Speed
3,350 RPM

Min Flow
12.23 m³/h

Max Flow
68.77 m³/h

H@QMin
97.14 m

H@QMax
38.08 m

BEP
71.71 %

BEP Flow
44.96 m³/h

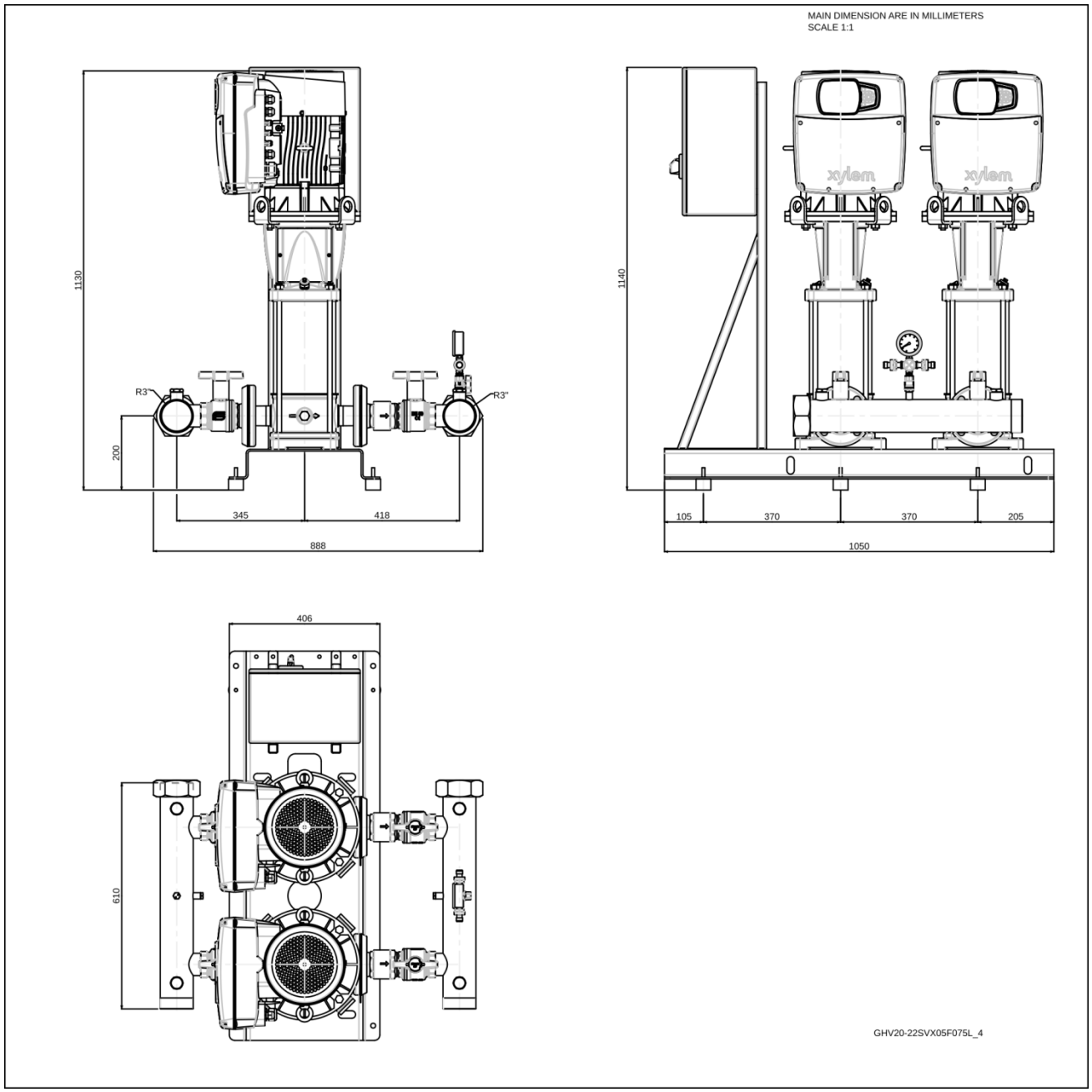
BEP Head
80.8 m

Max Operating Pressure
9,560.6 mbar

Shut Off Head
97.58 m

Max P2
15 kW

GHV20/22SVX05F075L/4 | Dimensional Data & Drawing



Drawing is preliminary and is subject to change.

Dimensions

There is no information available for the given configuration.