Contact
E-mail
Phone

Customer

Contact
E-mail
Phone

Technical data

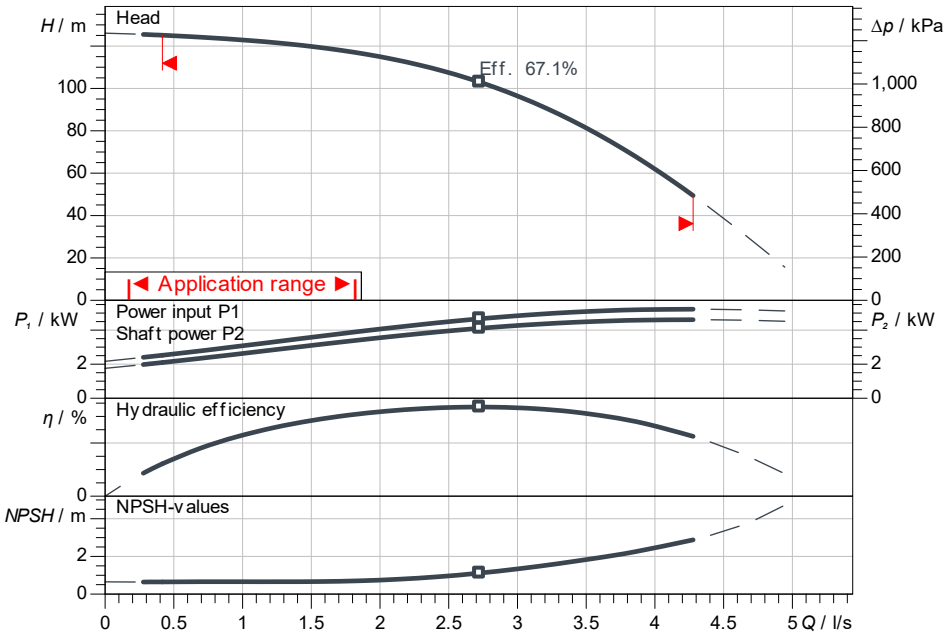
High-pressure multistage centrifugal pump
Helix V 1012-1/16/E/KS/400-50

Project ID Untitled project 2025-03-03 15:12:38.853

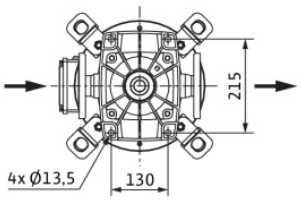
Project name
Installation location
Customer pos. No.

Date 2025-03-03

Duty chart

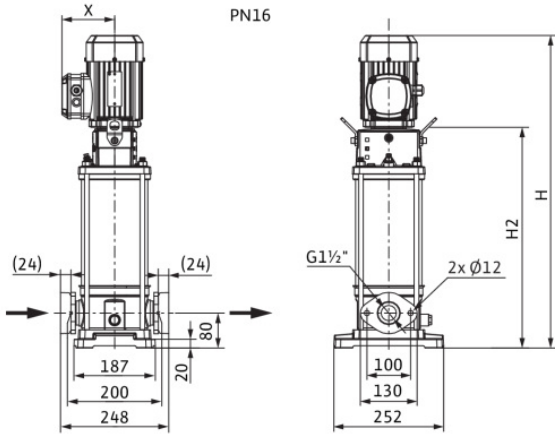


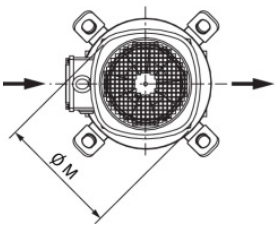
ISO 9906: 2012 3B



Dimensions mm

H	1,14
H2	812
ØM	210
X	149
X	149





Requested data

Flow	
Head	
Media	Water 100 %
Fluid temperature	20.00 °C
Density	998.30 kg/m³
Kin. viscosity	1.00 mm²/s

Hydraulic data (Duty point)

Flow	
Head	
Shaft power P2	
Hydraulic efficiency	
NPSH	

Product data

High-pressure multistage centrifugal pump
Helix V 1012-1/16/E/KS/400-50

Max. operating pressure	1,600 kPa
Inlet pressure max.	10 bar
Fluid temperature	-30 °C ... +120 °C
Max. ambient temperature	50 °C
Minimum efficiency index (MEI)	≥ 0.7

Motordata per Motor/Pump

Motor efficiency level	IE3
Mains connection	3~400 V / 50 Hz
Permitted voltage tolerance	+-10 %
Max. speed	2,900 1/min
Rated power P2	5.50 kW
Rated current	10.50 A
Power factor	0.86
Service factor	1.15
Efficiency	
50% / 75% / 100%	87.1/89/89.2%
Degree of protection	IP55
Insulation class	F
Motor protection	No

Fitting dimensions

Pipe connection on the suction side	G 1½, PN 16
Pipe connection (pressure side)	G 1½, PN 16

Materials

Pump housing	1.4301
Impeller	1.4307
Shaft	1.4301
Shaft seal	BQ7EGG
Gasket material	EPDM

Information for order placements

Weight approx.	70 kg
Item number	4150558