



Contact  
E-mail  
Phone

**Customer**

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E-mail  
Phone

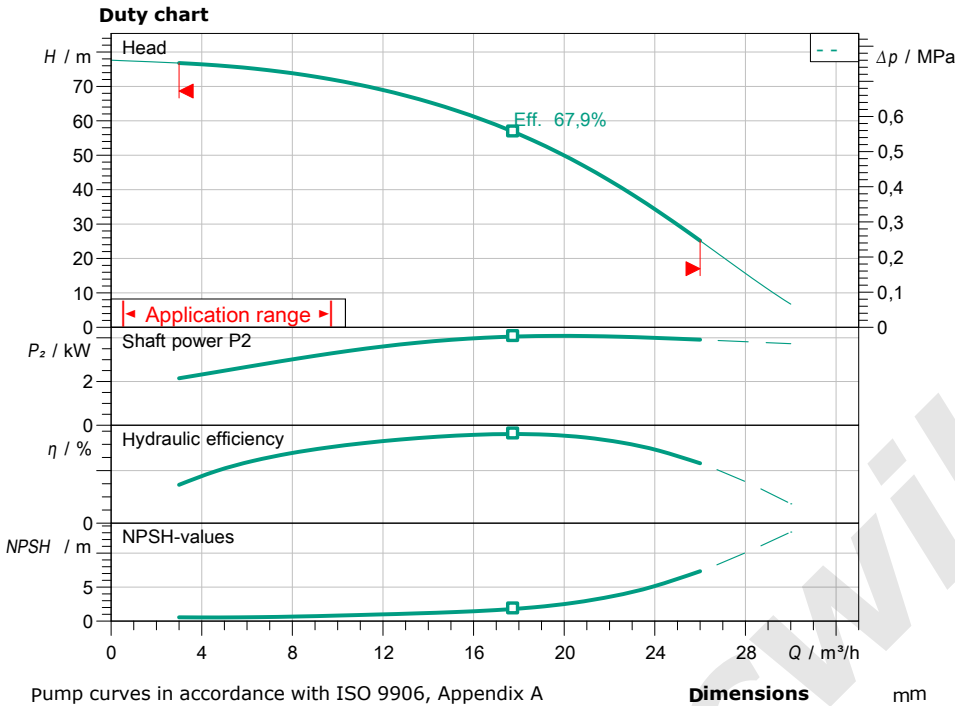
**Technical data**

High-pressure multistage centrifugal pump  
Helix FIRST V 1606-5/16/E/S/400

Project name

Project ID  
Installation location  
Customer pos.no

Date 06.09.2018



**Requested data**

Flow  
Head  
Media Water 100 %  
Fluid temperature 20,00 °C  
Density 998,30 kg/m<sup>3</sup>  
Kin. viscosity 1,00 mm<sup>2</sup>/s

**Hydraulic data (Duty point)**

Flow  
Head  
Shaft power P2  
Hydraulic efficiency  
NPSH

**Product data**

High-pressure multistage centrifugal pump  
Helix FIRST V 1606-5/16/E/S/400-50  
Max. operating pressure 1,6 MPa  
Inlet pressure max. 10 bar  
Fluid temperature -30 °C ... +120 °C  
Max. ambient temperature 40 °C  
Minimum Efficiency Index (MEI) ≥ 0.50

**Motordata per Motor/Pump**

Motor efficiency level IE3  
Mains connection 3~ 400 V / 50 Hz  
Permitted voltage tolerance ±10 %  
Max. speed 2900 1/min  
Rated power P2 4,00 kW  
Rated current 7,40 A  
Power factor 0,87  
Efficiency 50% / 75% / 100% 86,5/88/88,1%  
Degree of protection IP 55  
Insulation class F  
Motor protection n0

**Fitting dimensions**

Pipe connection on the suction side G 2, PN 16  
Pipe connection on the pressure side G 2, PN 16

**Materials**

pump housing EN-GJL-250 (cataphoretic-coated)  
Impeller 1.4307 [AISI304L]  
Static seal EPDM  
pump shaft 1.4301 [AISI304]  
mechanical seal Q1BE3GG

**Information for order placements**

Weight approx. 48,3 kg  
Item number 4200993

**Dimensions**

H 921  
H2 615  
Ø M 196  
X 145

mm

