



Contact
E-mail
Phone

Customer

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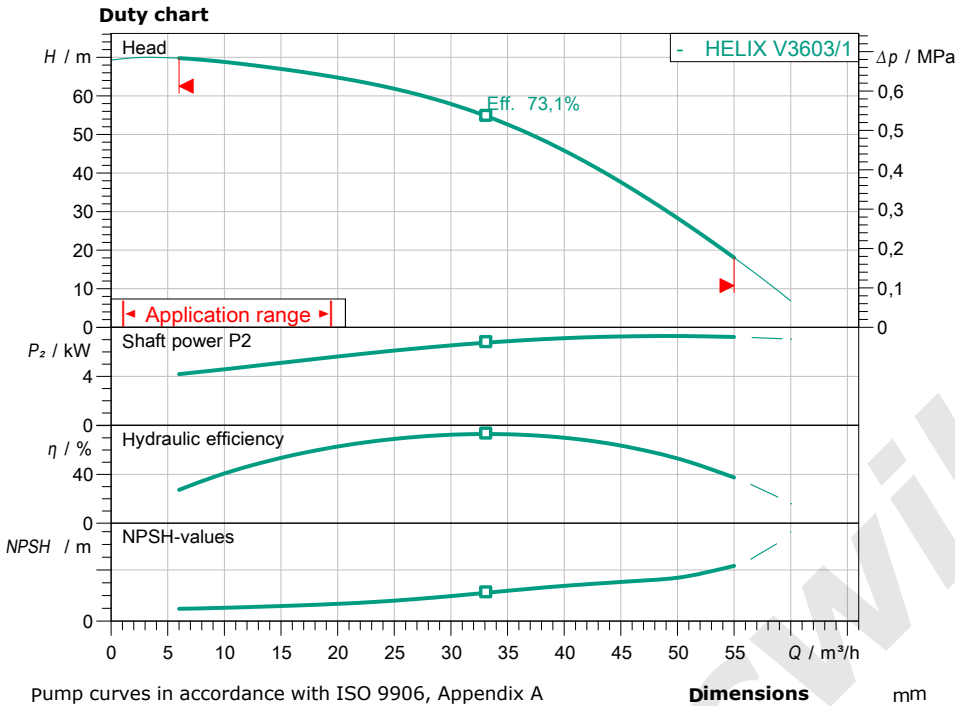
Technical data

High-pressure multistage centrifugal pump
Helix FIRST V 3603/1-5/16/E/S/4

Project name

Project ID
Installation location
Customer pos.no

Date 2019-01-02



Requested data

Flow
Head
Media
Fluid temperature
Density
Kin. viscosity

Water 100 %
20,00 °C
998,30 kg/m³
1,00 mm²/s

Hydraulic data (Duty point)

Flow
Head
Shaft power P2
Hydraulic efficiency
NPSH

Product data

High-pressure multistage centrifugal pump
Helix FIRST V 3603/1-5/16/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) ≥ 0.70

Motordata per Motor/Pump

Motor efficiency level IE3
Mains connection 3~ 400 V / 50 Hz
Permitted voltage tolerance ±10 %
Max. speed 2905 1/min
Rated power P2 7,50 kW
Rated current 13,70 A
Power factor 0,88
Efficiency 50% / 75% / 100% 89,8/90,5/90,1%
Degree of protection IP 55
Insulation class F
Motor protection n0

Fitting dimensions

Pipe connection on the suction side DN 65, PN 25
Pipe connection on the pressure side DN 65, PN 25

Materials

pump housing EN-GJL-250 (cataphoretic-coated)
Impeller 1.4307 [AISI304L]
Static seal EPDM
pump shaft 1.4057 [AISI431]
mechanical seal Q1BE3GG

Information for order placements

Weight approx. 89 kg
Item number 4183389

Dimensions

H 923
H2 573
Ø M 225
X 160

