

Technical data

High-pressure multistage centrifugal pump Helix FIRST V 3607/1-5/30/E/KS/460-60

Project ID

Untitled project 2025-03-05 07:27:14.016

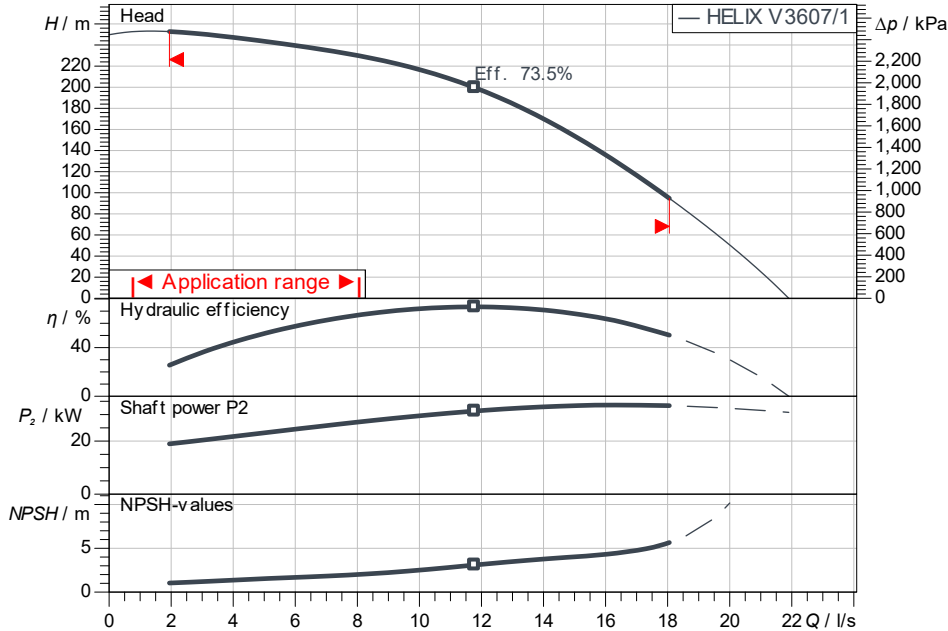
Project name

Installation location

Customer pos. No.

Date 2025-03-05

Duty chart

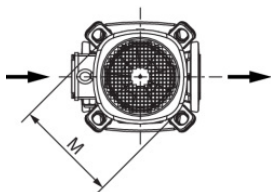
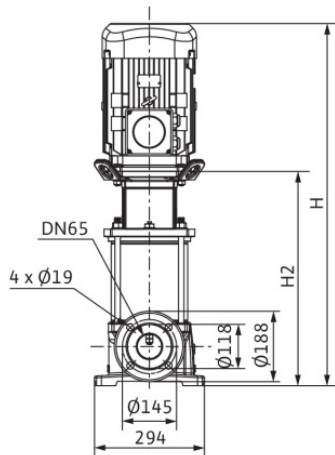
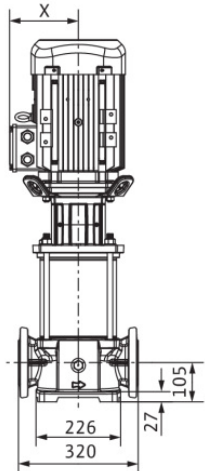
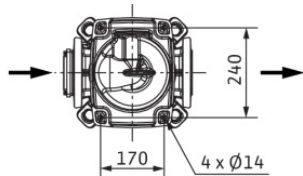


ISO 9906: 2012 3B

Dimensions

H	1,61
H2	1,01
ØM	347
X	255
X	255

mm



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 P ₂	
Hydraulic efficiency	
NPSH	

Product data

High-pressure multistage centrifugal pump	
Helix FIRST V 3607/1-5/30/E/KS/460-60	
Max. operating pressure	3,000 kPa
Inlet pressure max.	10 bar
Fluid temperature	-20 °C ... +120 °C
Max. ambient temperature	50 °C
Minimum efficiency index (MEI)	

Motordata per Motor/Pump

Motor efficiency level	IE3
Mains connection	3~ 460 V / 60 Hz
Permitted voltage tolerance	+6 %
Max. speed	3,575 1/min
Rated power P ₂	37.00 kW
Rated current	61.90 A
Power factor	0.9
Service factor	1.15
Efficiency	
50% / 75% / 100%	//%
Degree of protection	IP55
Insulation class	F
Motor protection	No

Fitting dimensions

Pipe connection on the suction side	DN 65, PN 40
Pipe connection (pressure side)	DN 65, PN 40

Materials

Pump housing	5.1301/EN-GJL-250
Impeller	1.4307
Shaft	1.4057
Shaft seal	Q1BE3GG
Gasket material	EPDM

Information for order placements

Weight approx.	273 kg
Item number	4200686