

Technical data

High-pressure multistage centrifugal pump Helix VE 3604-1/16/E/KS/3

Project ID

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

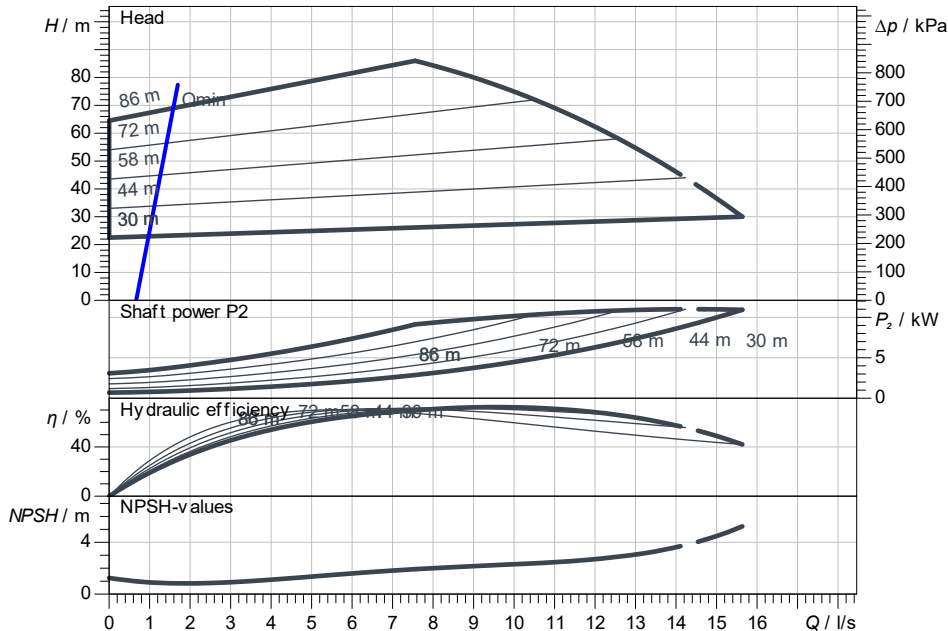
Project name

Installation location

Customer pos. No.

Date 2025-03-03

Duty chart

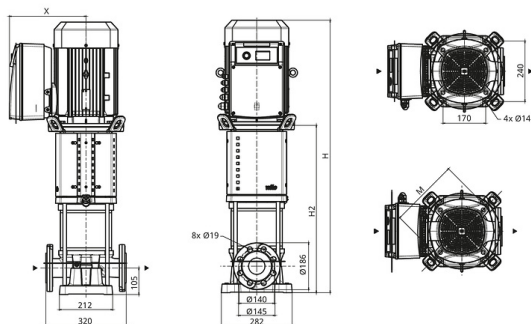


ISO 9906: 2012 3B

Dimensions

H	1,27
H2	812
ØM	217
X	386
X	386

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 P2	
Hydraulic efficiency	
NPSH	

Product data

High-pressure multistage centrifugal pump	
Helix VE 3604-1/16/E/KS/3	
Max. operating pressure	1,600 kPa
Inlet pressure max.	10 bar
Fluid temperature	-20 °C ... +120 °C
Max. ambient temperature	50 °C
Minimum efficiency index (MEI)	≥ 0.7

Motordata per Motor/Pump

Motor efficiency level	IE5
Mains connection	3~ 400 V / 50 Hz
Permitted voltage tolerance	
Rated speed	
Rated power P2	11.00 kW
Rated current	19.60 A
Power factor	
Service factor	0
Degree of protection	IP55
Insulation class	F
Motor protection	

Fitting dimensions

Pipe connection on the suction side	DN 65, PN 16
Pipe connection (pressure side)	DN 65, PN 16

Materials

Pump housing	1.4301
Impeller	1.4307
Shaft	1.4057
Shaft seal	BQ7EGG
Gasket material	EPDM

Information for order placements

Weight approx.	155 kg
Item number	4257243