

Customer

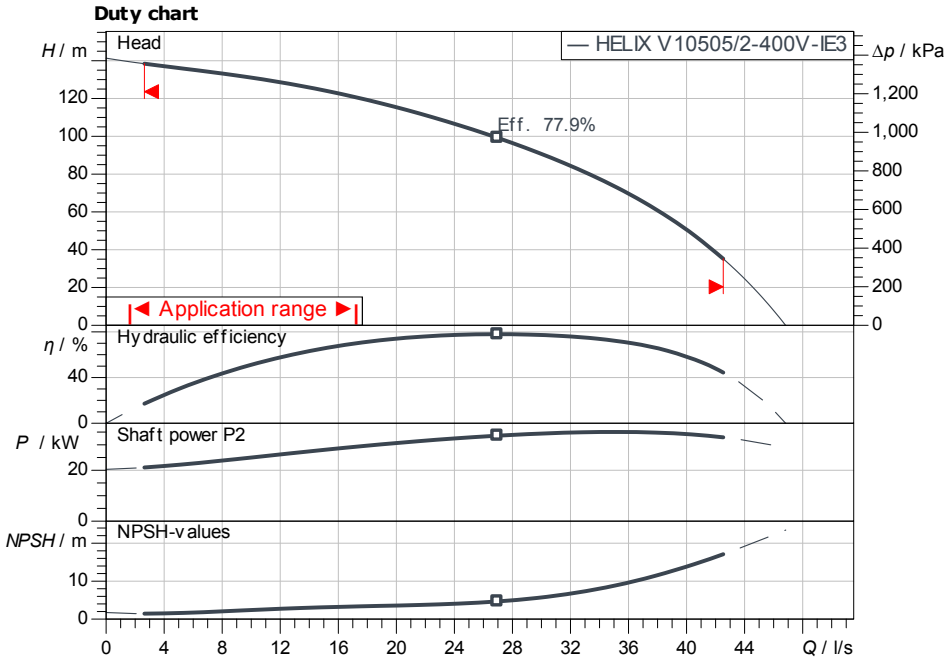
Technical data

High-pressure multistage centrifugal pump Helix FIRST V 10505/2-5/16/E/KS/400-50-Q7

Project ID Untitled project 2025-03-17 02:25:35.340

Project name
Installation location
Customer pos. No.

Date 2025-03-17



ISO 9906: 2012 3B

Dimensions

H	1,65
H2	1,06
X	255

mm

Requested data

Flow	
Head	
Media	Water 100 %
Fluid temperature	20.00 °C
Density	998.30 kg/m ³
Kin. viscosity	1.00 mm ² /s

Hydraulic data (Duty point)

Flow	
Head	
Shaft power P_2	
Hydraulic efficiency	
NPSH	

Product data

High-pressure multistage centrifugal pump Helix FIRST V 10505/2-5/16/E/KS/400-50-Q7	
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	IE3
Mains connection	3~ 400 V / 50 Hz
Permitted voltage tolerance	+ -10 %
Max. speed	2,960 1/min
Rated power P_2	37.00 kW
Rated current	61.60 A
Power factor	0.93
Service factor	0
Efficiency	
50% / 75% / 100%	94/94.4/93.7%

Degree of protection

Insulation class

Motor protection

Fitting dimensions

Pipe connection on the suction side	DN 100, PN 16
Pipe connection (pressure side)	DN 100, PN 16

Materials

Pump housing	5.1301/EN-GJL-250
Impeller	1.4408
Shaft	1.4057
Shaft seal	Q7Q7
Gasket material	EPDM

Information for order placements

Weight approx.	296 kg
Item number	4267762