

**Customer**

## Technical data

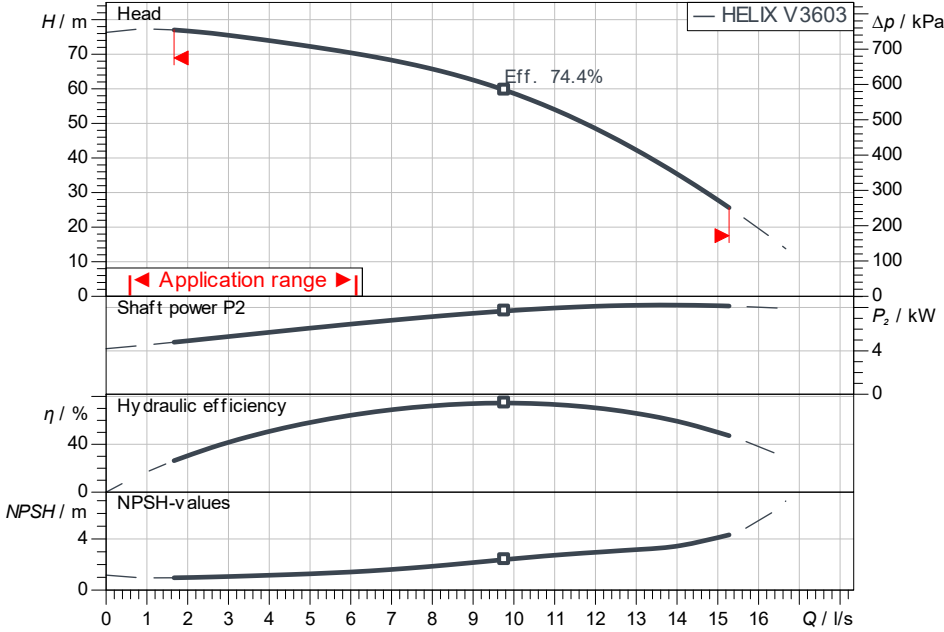
### High-pressure multistage centrifugal pump Helix V 3603-1/16/E/KS/400-50-FF240

Project ID: Untitled project 2025-03-03 20:19:56.538

Project name  
Installation location  
Customer pos. No.

Date: 2025-03-03

#### Duty chart



#### 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 P <sub>2</sub>	
Hydraulic efficiency	
NPSH	

#### Product data

High-pressure multistage centrifugal pump Helix V 3603-1/16/E/KS/400-50-FF240	
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	2,900 1/min
Rated power P <sub>2</sub>	9.00 kW
Rated current	16.70 A
Power factor	0.87
Service factor	1.15
Efficiency	50% / 75% / 100%
	90.4/91/90.6%
Degree of protection	IP55
Insulation class	F
Motor protection	No

#### 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.	105 kg
Item number	4246678

ISO 9906: 2012 3B

#### Dimensions

mm

H	1,11
H2	716
ØM	260
X	182
X	182

