

Customer

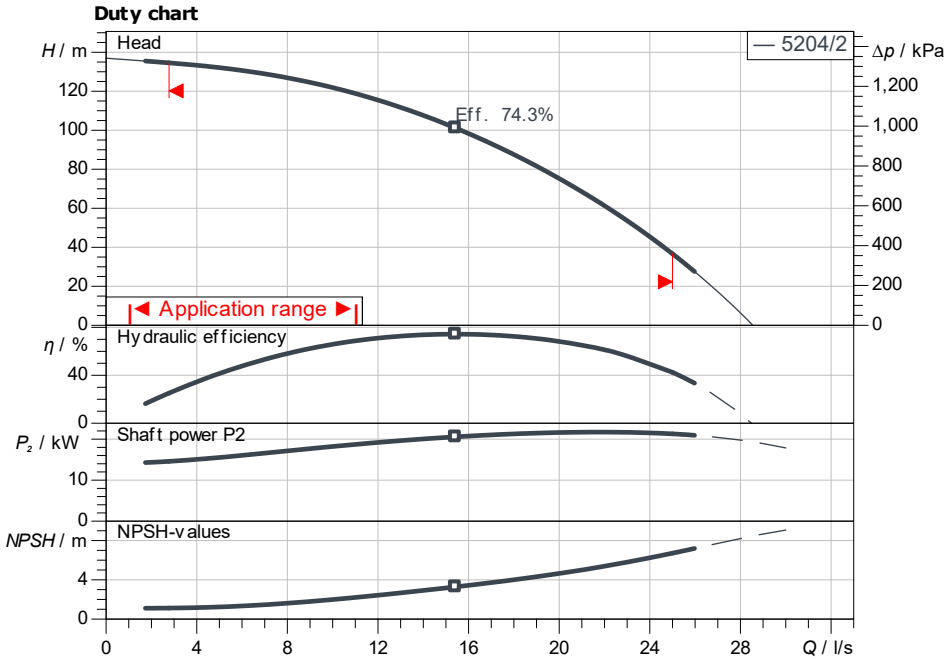
Technical data

High-pressure multistage centrifugal pump Helix V 5204/2-1/16/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



ISO 9906: 2012 3B

Dimensions

H	1,42
H2	946
X	218

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 P2	
Hydraulic efficiency	
NPSH	

Product data

High-pressure multistage centrifugal pump Helix V 5204/2-1/16/E/KS/460-60	
Max. operating pressure	2,500 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	
Mains connection	3~ 400 V / 60 Hz
Permitted voltage tolerance	+/-10 %
Max. speed	2,960 1/min
Rated power P2	22.00 kW
Rated current	39.10 A
Power factor	0.87
Service factor	1.15
Efficiency	
50% / 75% / 100%	91.7/92.7/92.7%
Degree of protection	IP55
Insulation class	
Motor protection	PTC

Fitting dimensions

Pipe connection on the suction side	DN 80, PN 25
Pipe connection (pressure side)	DN 80, PN 25

Materials

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

Information for order placements

Weight approx.	243 kg
Item number	4249583