

Technical data

Glanded standard single pump IPL 80/110-4/2 PN 10

Project ID

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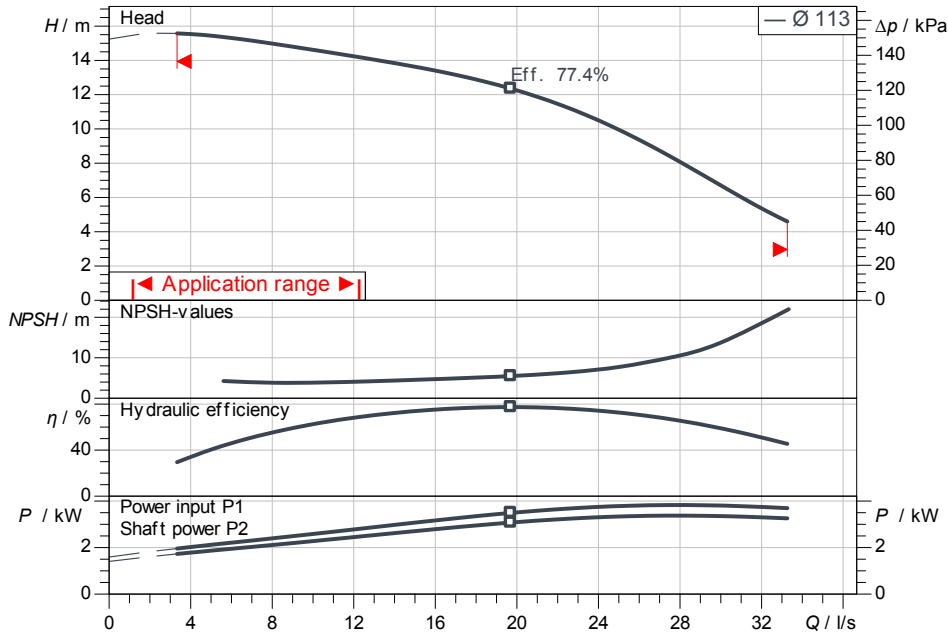
Project name

Installation location

Customer pos. No.

Date 2025-03-04

Duty chart



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

Glanded standard single pump	
IPL 80/110-4/2 PN 10	
Max. operating pressure	1,000 kPa
Fluid temperature	-20 °C ... +120 °C
Max. ambient temperature	40 °C
Minimum efficiency index (MEI)	≥ 0.4

Motordata per Motor/Pump

Motor efficiency level	IE3
Mains connection	3~ 400 V / 50 Hz
Permitted voltage tolerance	+/-10 %
Rated speed	2,900 1/min
Rated power P2	4.00 kW
Rated current	7.75 A
Power factor	0.83
Efficiency	
50% / 75% / 100%	86.1/ 87.5/88.1 %
Degree of protection	IP55
Insulation class	F
Motor protection	No

Fitting dimensions

Pipe connection on the suction side	DN 80, PN 10
Pipe connection (pressure side)	DN 80, PN 10
Port to Port	360 mm

Materials

Pump housing	5.1301/EN-GJL-250
Impeller	PPE/PS-GF30
Lantern	5.1301/EN-GJL-250
Shaft	1.4021
Shaft seal	AQ1EGG

Information for order placements

Weight approx.	56 kg
Item number	2121189

