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Customer

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Technical data

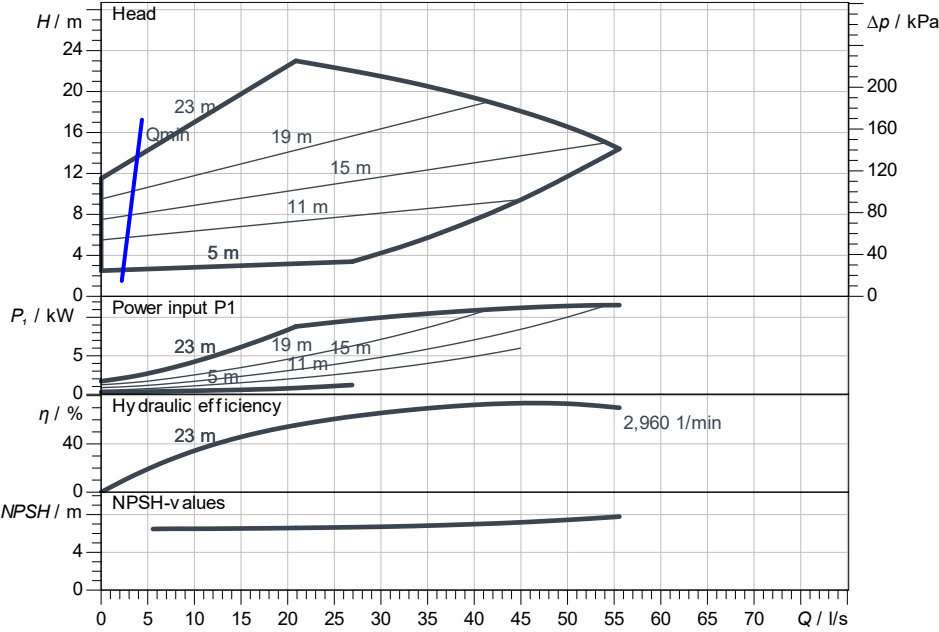
Glanded energy-saving single pump BL-E80/120-11/2

Project ID: Untitled project 2025-03-02 21:52:22.079

Project name
Installation location
Customer pos. No.

Date: 2025-03-02

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	
Power input P1	
NPSH	

Product data

Glanded energy-saving single pump	
BL-E80/120-11/2	
Kind of operation	dp-v
Max. operating pressure	1,600 kPa
Fluid temperature	-20 °C ... +140 °C
Max. ambient temperature	40 °C
Minimum efficiency index (MEI)	≥ 0.4

Motordata per Motor/Pump

Motor design	AC motor
Efficiency class	IE4
Mains connection	3~ 400 V / 50 Hz
Permitted voltage tolerance	+ -10 %
Max. speed	2,950 1/min
Rated power P2	11.00 kW
Rated current	17.90 A
Degree of protection	IP55
Insulation class	F
Motor protection	PTC integrated

Fitting dimensions

Pipe connection on the suction side	DN 100, PN 16
Pipe connection (pressure side)	DN 80, PN 16
Port to Port	-

Materials

Pump housing	5.1301, EN-GJL-250 cataphoretic-coated
Impeller	EN-GJL-200
Lantern	5.1301/EN-GJL-250
Shaft	1.4122
Shaft seal	AQ1EGG

Information for order placements

Weight approx.	178 kg
Item number	2221246

