

**Customer**

## Technical data

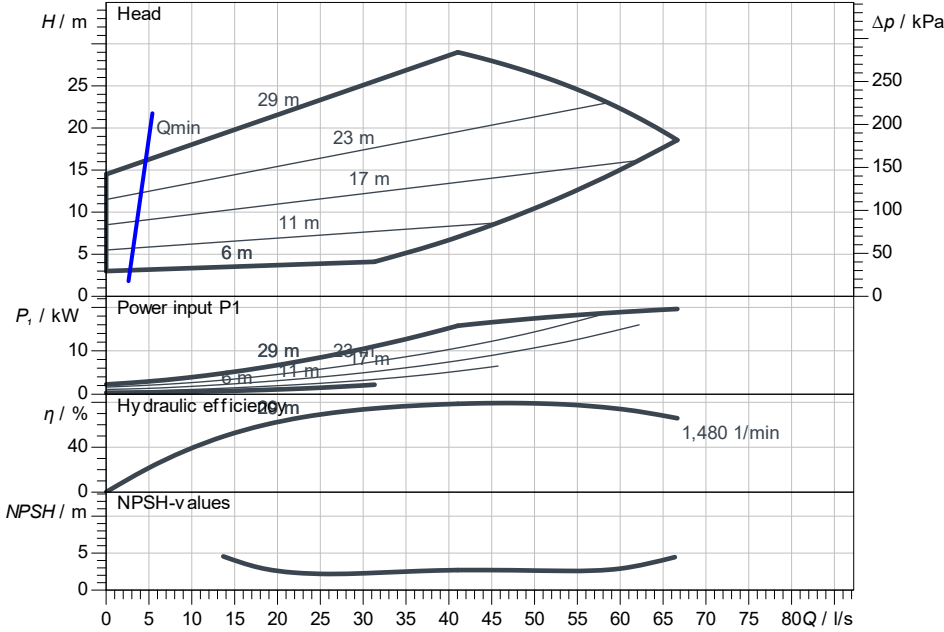
### Glanded high-efficiency single pump IL-E 125/295-18,5/4

Project ID: Untitled project 2025-03-02 22:10:20.742

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 <sup>3</sup>
Kin. viscosity	1.00 mm <sup>2</sup> /s

#### Hydraulic data (Duty point)

Flow	
Head	
Power input P <sub>1</sub>	
NPSH	

#### Product data

Glanded high-efficiency single pump	
IL-E 125/295-18,5/4	
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	1,480 1/min
Rated power P <sub>2</sub>	18.50 kW
Rated current	29.90 A
Degree of protection	IP55
Insulation class	F
Motor protection	PTC integrated

#### Fitting dimensions

Pipe connection on the suction side	DN 125, PN 16
Pipe connection (pressure side)	DN 125, PN 16
Port to Port	700 mm

#### Materials

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

#### Information for order placements

Weight approx.	356 kg
Item number	2221302

