

**Customer**

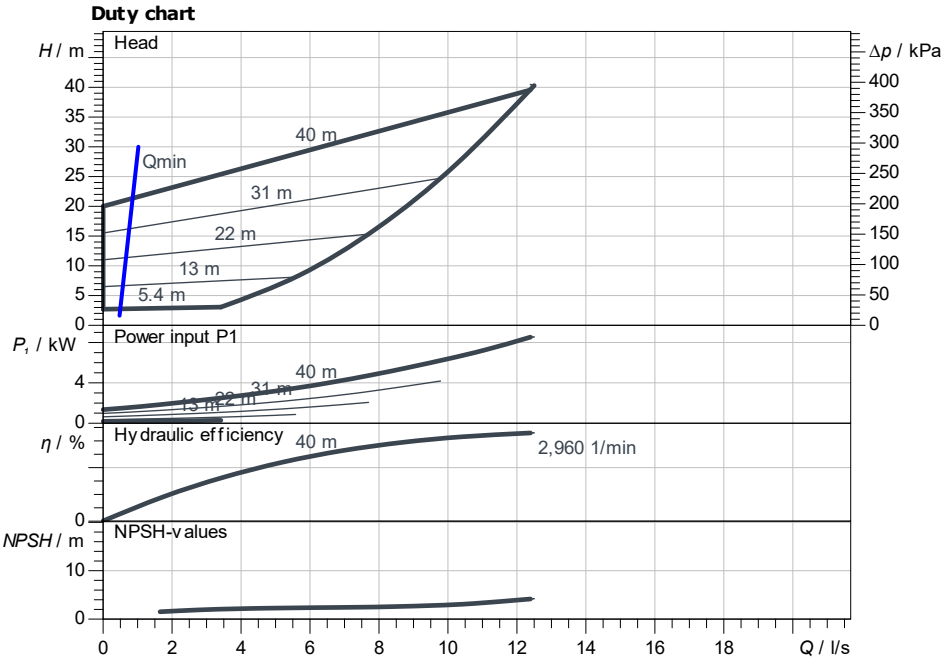
## Technical data

### Glanded high-efficiency single pump IL-E 50/180-7,5/2

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

Project name  
Installation location  
Customer pos. No.

Date                      2025-03-02



**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 P1	
NPSH	

**Product data**

Glanded high-efficiency single pump	
IL-E 50/180-7,5/2	
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	Standard motor
Efficiency class	IE4
Mains connection	3~ 400 V / 50 Hz
Permitted voltage tolerance	+ -10 %
Max. speed	2,900 1/min
Rated power P2	7.50 kW
Rated current	14.00 A
Degree of protection	IP55
Insulation class	F
Motor protection	PTC integrated

**Fitting dimensions**

Pipe connection on the suction side	DN 50, PN 16
Pipe connection (pressure side)	DN 50, PN 16
Port to Port	440 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.	114 kg
Item number	2159318

