

**Customer**

# Technical data

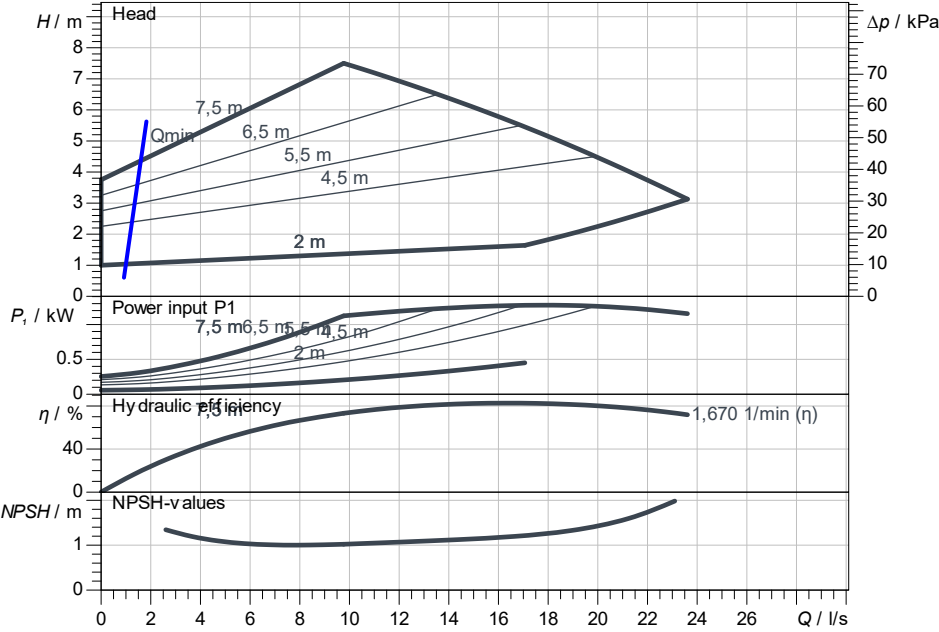
## Glanded high-efficiency single pump Stratos GIGA2.0-B 80/1-8/1,1

Project ID                      Untitled project 2025-03-04 05:18:48.548

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 <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	
Stratos GIGA2.0-B 80/1-8/1,1	
Kind of operation	dp-v
Max. operating pressure	1,600 kPa
Fluid temperature	-20 °C ... +140 °C
Max. ambient temperature	50 °C
Minimum efficiency index (MEI)	≥ 0.7

### Motordata per Motor/Pump

Motor design	EC motor
Efficiency class	IE5
Mains connection	3~ 400 V / 50 Hz
Permitted voltage tolerance	+ -10 %
Max. speed	1,670 1/min
Rated power P2	1.10 kW
Rated current	2.80 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
Impeller	PPS-GF40
Lantern	5.1301, EN-GJL-250 cataphoretic-
Shaft	1.4057
Shaft seal	AQ1EGG

### Information for order placements

Weight approx.	56 kg
Item number	2234492

