

Technical data

Glanded high-efficiency single pump Stratos GIGA 80/3-38/11

Project ID

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

Project name

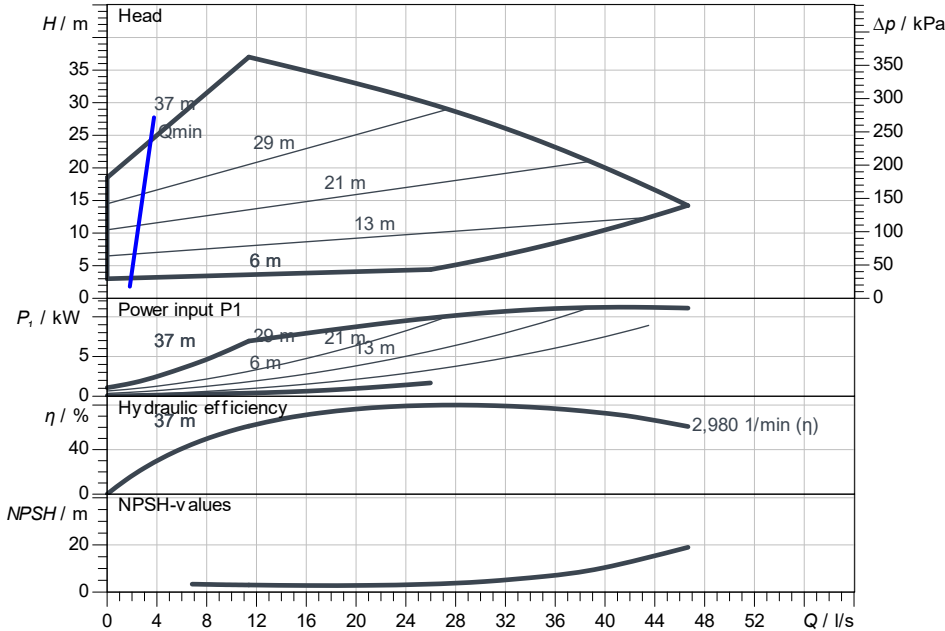
Installation location

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 ³
Kin. viscosity	1.00 mm ² /s

Hydraulic data (Duty point)

Flow
Head
Power input P1
NPSH

Product data

Glanded high-efficiency single pump	
Stratos GIGA 80/3-38/11	
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	EC motor
Efficiency class	IE5
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	17.40 A
Degree of protection	IP55
Insulation class	F
Motor protection	PTC integrated

Fitting dimensions

Pipe connection on the suction side	DN 80, PN 16
Pipe connection (pressure side)	DN 80, 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.	135 kg
Item number	2221826

