

Customer

Technical data

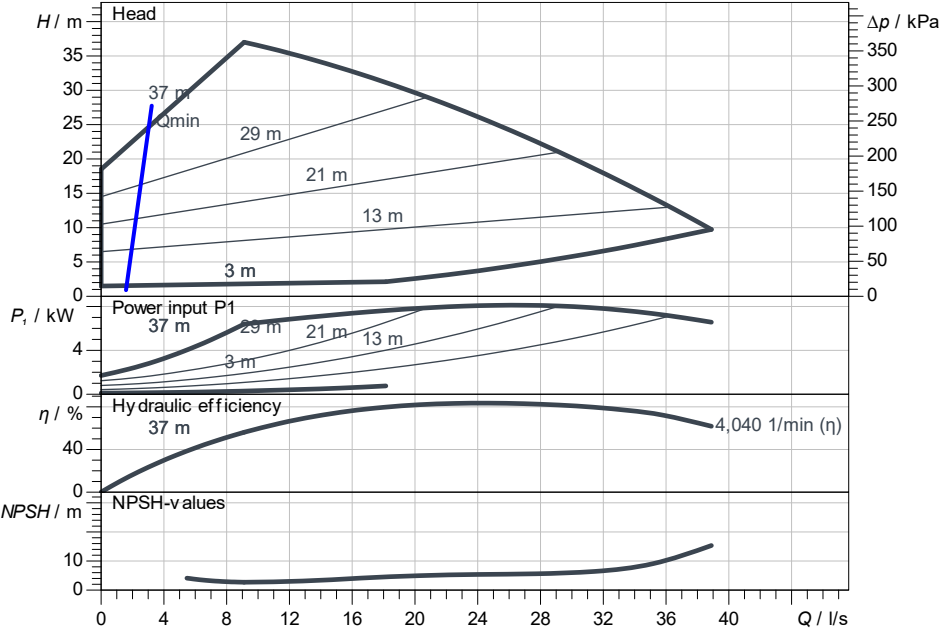
Glanded high-efficiency single pump Stratos GIGA2.0-I 100/1-38/7,5

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 GIGA2.0-I 100/1-38/7,5	
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	4,040 1/min
Rated power P2	7.50 kW
Rated current	14.70 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 100, PN 16
Port to Port	450 mm

Materials

Pump housing	5.1301/EN-GJL-250
Impeller	EN-GJL-200
Lantern	5.1301, EN-GJL-250 cataphoretic-
Shaft	1.4057
Shaft seal	AQ1EGG

Information for order placements

Weight approx.	69 kg
Item number	2204762

