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Technical data

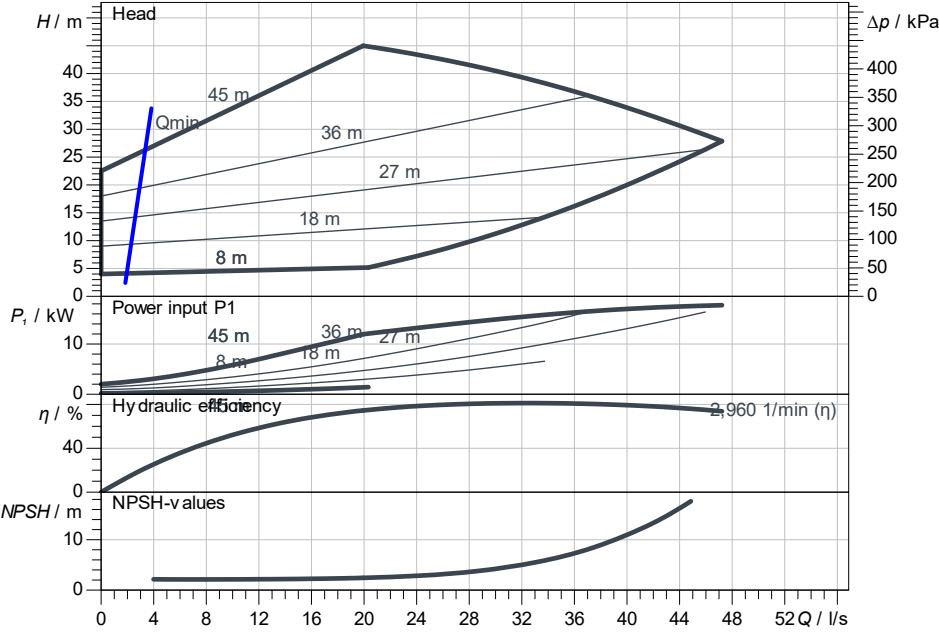
Glanded high-efficiency single pump Stratos GIGA B 65/4-47/18,5

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 GIGA B 65/4-47/18,5	
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	18.50 kW
Rated current	27.80 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 65, PN 16
Port to Port	-

Materials

Pump housing	5.1301, EN-GJL-250 cataphoretic-
Impeller	EN-GJL-200
Lantern	5.1301, EN-GJL-250 cataphoretic-
Shaft	1.4122
Shaft seal	AQ 1EGG

Information for order placements

Weight approx.	147 kg
Item number	2221690

