

Technical data

Glandless high-efficiency pump Stratos PICO 25/0,5-8-130

Project ID

Untitled project 2025-03-05 08:57:18.785

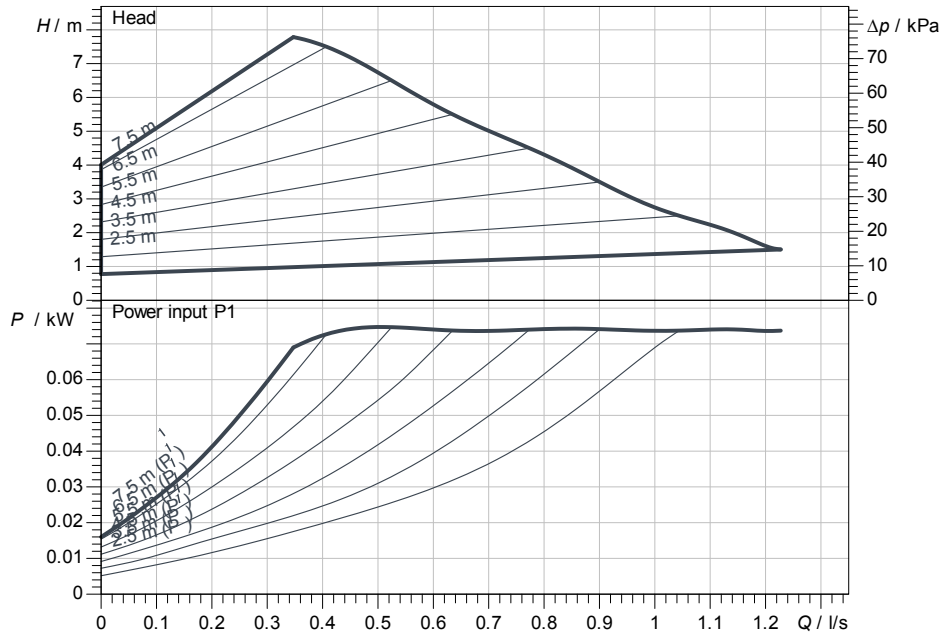
Project name

Installation location

Customer pos. No.

Date 2025-03-05

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

Product data

Glandless high-efficiency pump	
Stratos PICO 25/0,5-8-130	
Kind of operation	dp-v
Max. operating pressure	1,000 kPa
Fluid temperature	-10 °C ... +110 °C
Max. ambient temperature	40 °C
Minimum suction head at 50 / 95 / 110 °C	0.5 / 3 / 10

Motordata per Motor/Pump

Motor design	EC motor
Energy efficiency index (EEI)	≤ 0.23
Mains connection	1~ 230 V / 60 Hz
Permitted voltage tolerance	+/-10 %
Max. speed	4,800 1/min
Power input P1	0.08 kW
Current consumption	0.7 A
Degree of protection	IPX4D
Insulation class	F
Motor protection	integrated
Electromagnetic compatibility	EN 61800-3
Emitted interference	EN 61000-6-3
Interference resistance	EN 61000-6-2
Threaded cable connection	1 x PG11

Fitting dimensions

Pipe connection on the suction side	G 1 1/2, PN 10
Pipe connection (pressure side)	G 1 1/2, PN 10
Port to Port	130 mm

Materials

Pump housing	EN-GJL-200
Impeller	PP-GF40
Shaft	1.4122
Bearing	Carbon, metal-impregnated

Information for order placements

Weight approx.	1.9 kg
Item number	4244398

