

Technical data

Glandless premium smart-pump Stratos MAXO-Z 40/0,5-12 PN16

Project ID

Untitled project 2025-03-04 09:37:01.987

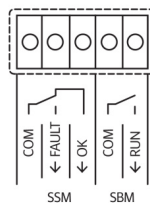
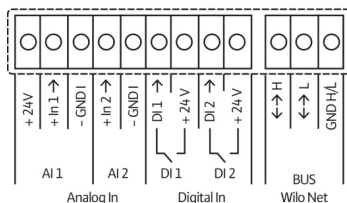
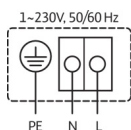
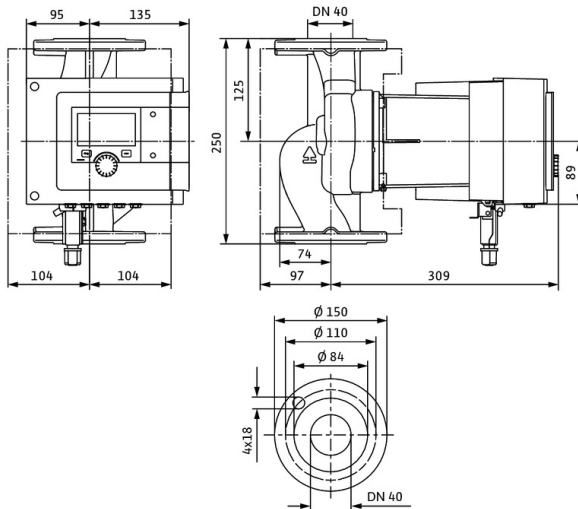
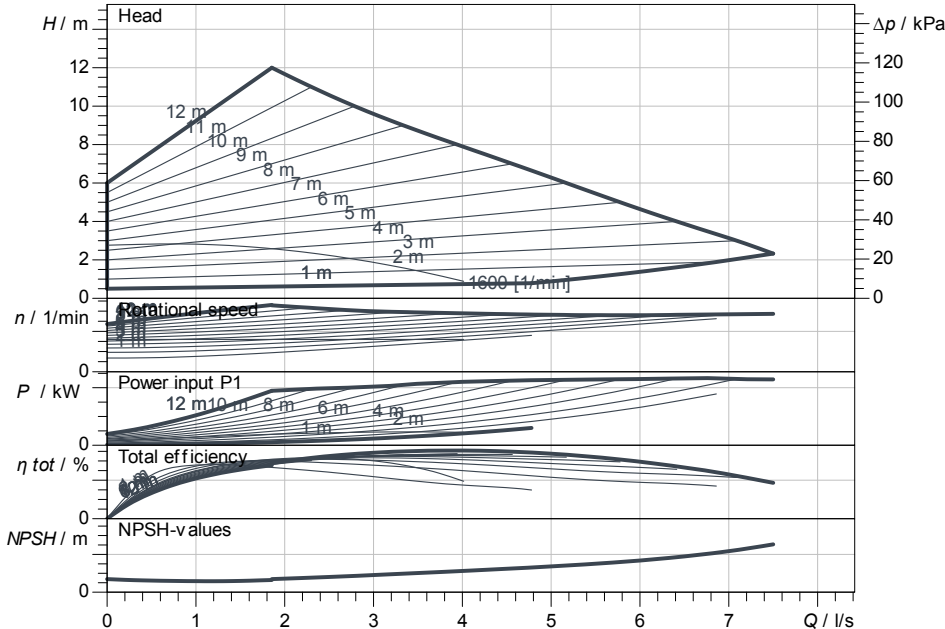
Project name

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	

Product data

Glandless premium smart-pump	
Stratos MAXO-Z 40/0,5-12 PN16	
Kind of operation	dp-v
Max. operating pressure	1,600 kPa
Fluid temperature	0 °C ... +80 °C
Max. ambient temperature	40 °C
Minimum suction head at	50 / 95 / 110 °C
Max. permitted total hardness in	5 / 12 / 18
potable water circulation systems	3.57 mmol/l (20°dH)

Motordata per Motor/Pump

Energy efficiency index (EEI)	≤ 0.17
Mains connection	1~230 V / 50 Hz
Permitted voltage tolerance	+/-10 %
Max. speed	
Rated power P2	0.48 kW
Power input P1(max)	0.57 kW
Current consumption	2.49 A
Degree of protection	IPX4D
Insulation class	F
Motor protection	Internal protection over

Fitting dimensions

Pipe connection on the suction side	DN 40, PN 16
Pipe connection (pressure side)	DN 40, PN 16
Port to Port	250 mm

Materials

Pump housing	1.4408
Impeller	PPS-GF40
Shaft	1.4122, DLC-coated
Bearing	Carbon-graphite

Information for order placements

Weight approx.	17.4 kg
Item number	2186316