

Technical data

Submersible pump Sub TWI 4.05-21-EM-D

Project ID

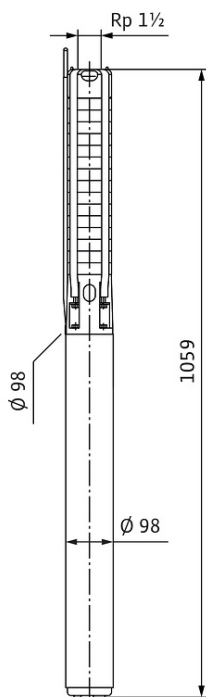
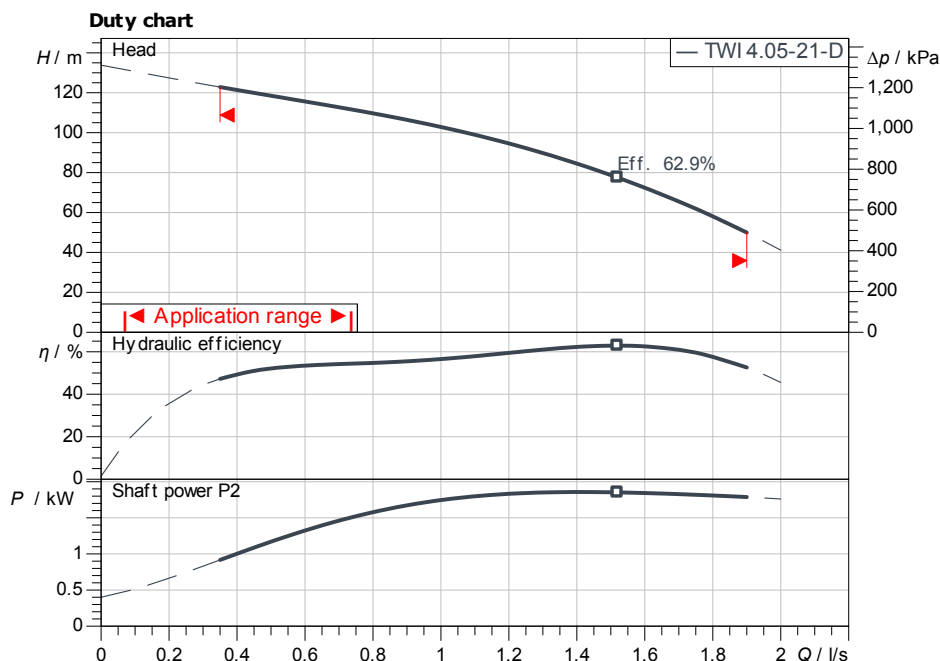
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Project name

Installation location

Customer pos. No.

Date 2025-03-17



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	
Shaft power P2	
Hydraulic efficiency	
Power input P1	

Product data

Submersible pump	
Sub TWI 4.05-21-EM-D	
Max. operating pressure	4,000 kPa
Fluid temperature	3 °C ... +30 °C
Minimum efficiency index (MEI)	≥ 0.4
Max. pump diameter	98 mm

Motordata per Motor/Pump

Mains connection	1~230 V / 50 Hz
Type of motor	Submersible motor

Activation type	Direct On Line (DOL)
Min. flow at the motor	0.08 m/s
Motor diameter	98 mm
Permitted voltage tolerance	+5 %
Nominal speed	2,840 1/min
Rated power P2	2.20 kW
Rated current	14.50 A
Power factor	0.97
Degree of protection	IP68
Insulation class	B

Cable

Length of connecting cable	1.5 m
Cable type	3x1,5+1G1,5

Fitting dimensions

Discharge size	Rp 1 1/2
Flange standard	-

Materials

Pump housing	1.4301
Motor housing	1.4301
Shaft	1.4057
Impeller	1.4301

Information for order placements

Weight approx.	20.1 kg
Item number	6091361

Approval

Dimensions

mm