

Customer

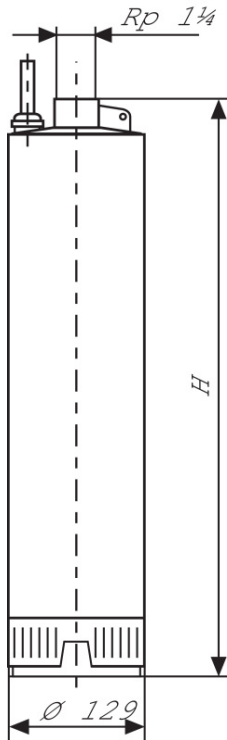
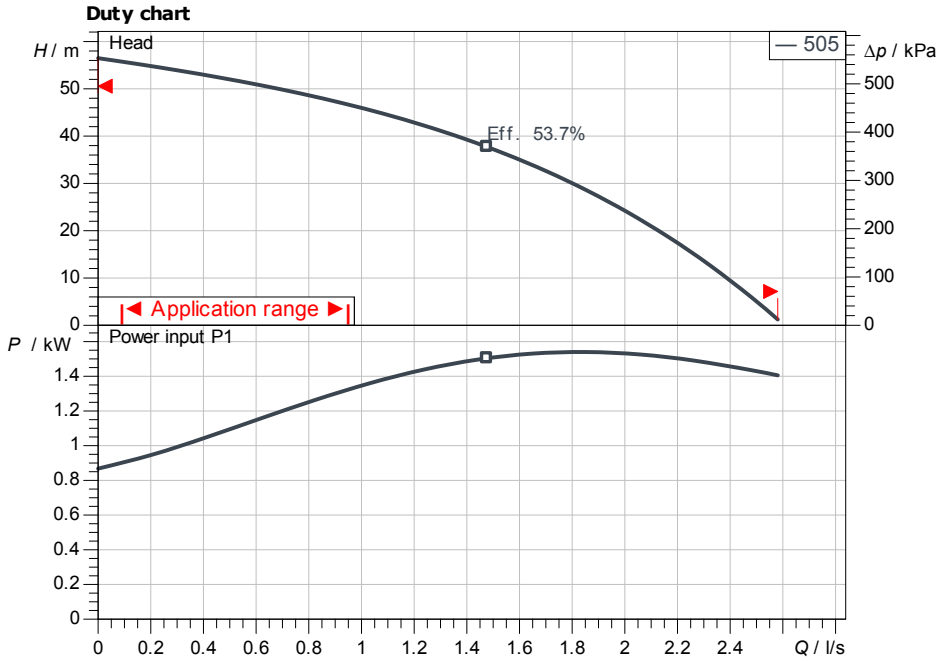
Technical data

Submersible pump Sub TWI 5-505EM-FS

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

Project name
Installation location
Customer pos. No.

Date 2025-03-04



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 5-505EM-FS	
Max. operating pressure	1,000 kPa
Fluid temperature	5 °C ... +40 °C
Minimum efficiency index (MEI)	-
Max. pump diameter	129 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	- m/s
Motor diameter	127 mm
Permitted voltage tolerance	+ -10 %
Nominal speed	2,810 1/min
Rated power P2	0.90 kW
Rated current	6.50 A
Power factor	0.95
Degree of protection	IP68
Insulation class	F

Cable

Length of connecting cable	20 m
Cable type	4G1

Fitting dimensions

Discharge size	Rp 1 1/4
Flange standard	DIN EN 10226-1

Materials

Pump housing	1.4301
Motor housing	1.4301
Shaft	1.4301
Impeller	1.4301

Information for order placements

Weight approx.	18.3 kg
Item number	4144941

Approval

Dimensions mm

DNd	Rp 1 1/4, Pl
H	504