

**Customer**

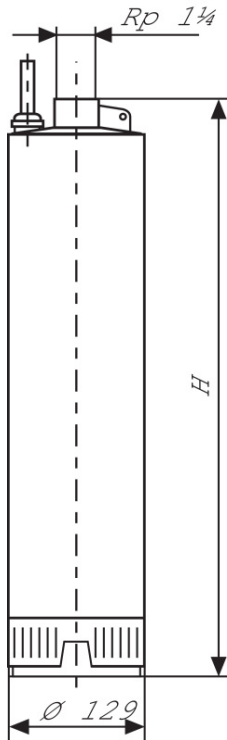
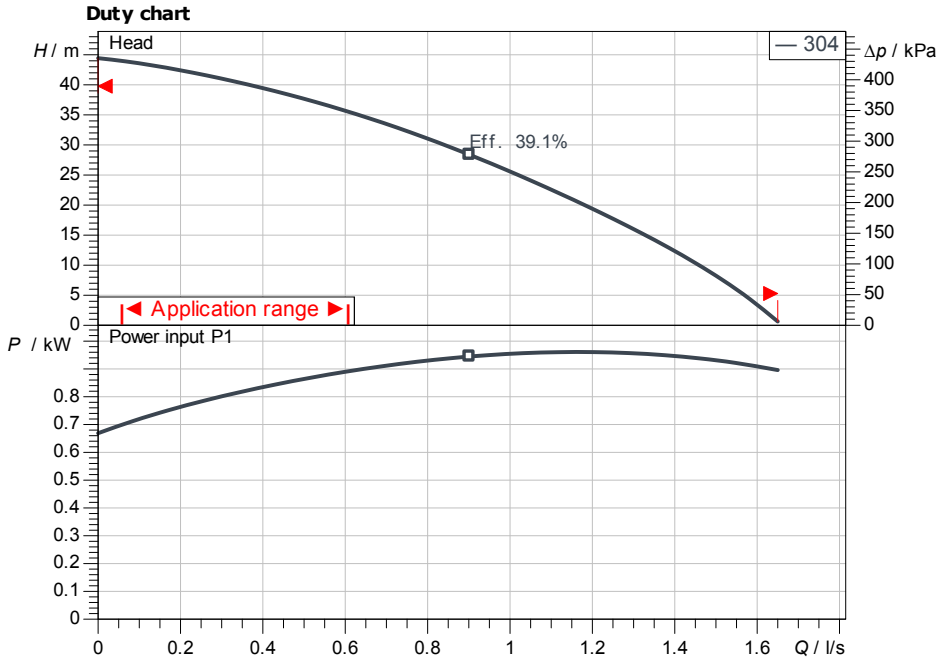
## Technical data

### Submersible pump Sub TWI 5-304EM-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 <sup>3</sup>
Kin. viscosity	1.00 mm <sup>2</sup> /s

**Hydraulic data (Duty point)**

Flow	
Head	
Shaft power P2	
Hydraulic efficiency	
Power input P1	

**Product data**

Submersible pump	
Sub TWI 5-304EM-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	0.55 kW
Rated current	4.50 A
Power factor	0.91
Degree of protection	IP68
Insulation class	F

**Cable**

Length of connecting cable	20 m
Cable type	4G1

**Fitting dimensions**

Discharge size	$Rp 1 \frac{1}{4}$
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.	15.3 kg
Item number	4144935

**Approval**

**Dimensions**                      mm

DNd	$Rp 1 \frac{1}{4}, Pl$
H	480