

**Customer**

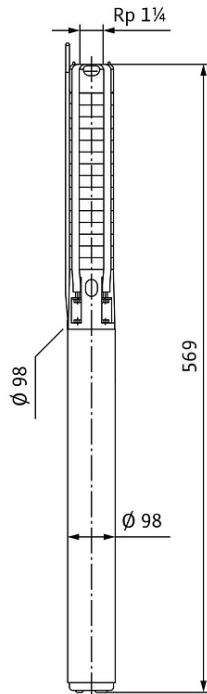
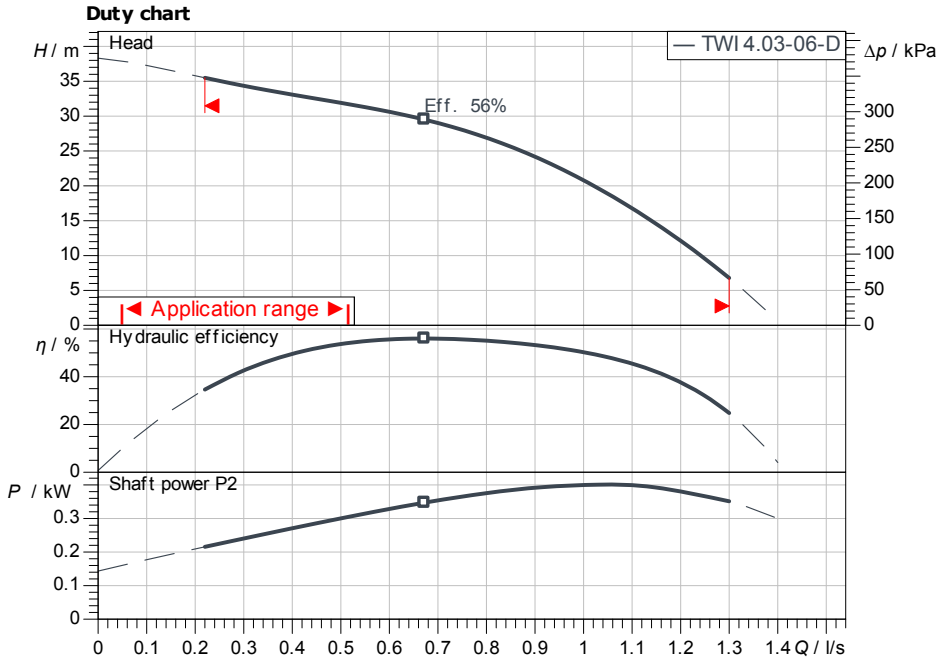
## Technical data

### Submersible pump Sub TWI 4.03-06-EM-D

Project ID                      Untitled project 2025-03-17 07:24:04.380

Project name  
Installation location  
Customer pos. No.

Date                      2025-03-17



**Dimensions**                      mm

**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  $P_2$   
Hydraulic efficiency  
Power input  $P_1$

**Product data**

Submersible pump  
Sub TWI 4.03-06-EM-D  
Max. operating pressure                      4,000 kPa  
Fluid temperature                      3 °C ... +30 °C  
Minimum efficiency index (MEI)                       $\geq 0.7$   
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                       $\pm 5\%$   
Nominal speed                      2,850 1/min  
Rated power  $P_2$                       0.55 kW  
Rated current                      4.05 A  
Power factor                      0.95  
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 1/4  
Flange standard                      -

**Materials**

Pump housing                      1.4301  
Motor housing                      1.4301  
Shaft                      1.4057  
Impeller                      1.4301

**Information for order placements**

Weight approx.                      10.3 kg  
Item number                      6091331

**Approval**