

Customer

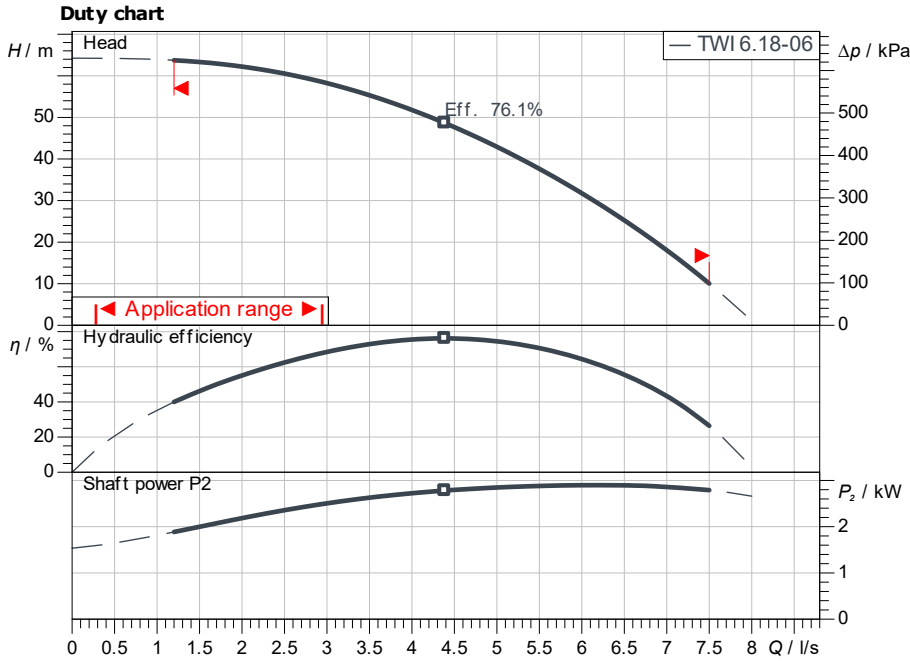
Technical data

Submersible pump Sub TWI 6.18-06-D

Project ID: Untitled project 2025-03-17 07:47:37.014

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 6.18-06-D | |
| Max. operating pressure | 4,000 kPa |
| Fluid temperature | 3 °C ... +30 °C |
| Minimum efficiency index (MEI) | ≥ 0.4 |
| Max. pump diameter | 131 mm |

Motor data per Motor/Pump

| | |
|-----------------------------|----------------------|
| Mains connection | 3~400 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 | 95.25 mm |
| Permitted voltage tolerance | +5 % |
| Nominal speed | 2,845 1/min |
| Rated power P2 | 3.00 kW |
| Rated current | 7.60 A |
| Power factor | 0.77 |
| 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 2 1/2 |
| Flange standard | - |

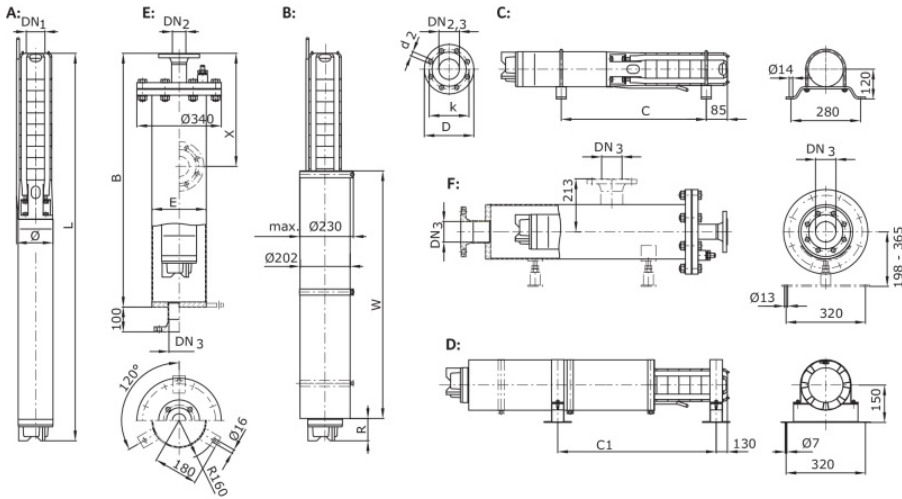
Materials

| | |
|---------------|--------|
| Pump housing | 1.4301 |
| Motor housing | 1.4301 |
| Shaft | 1.4057 |
| Impeller | 1.4301 |

Information for order placements

| | |
|----------------|---------|
| Weight approx. | 26 kg |
| Item number | 6091439 |

Approval



Dimensions

| | | |
|----|-------|---------|
| | mm | |
| B | 1,650 | L 1,036 |
| c | 820 | W 650 |
| C1 | 797 | |
| e | 219.1 | |