

Customer

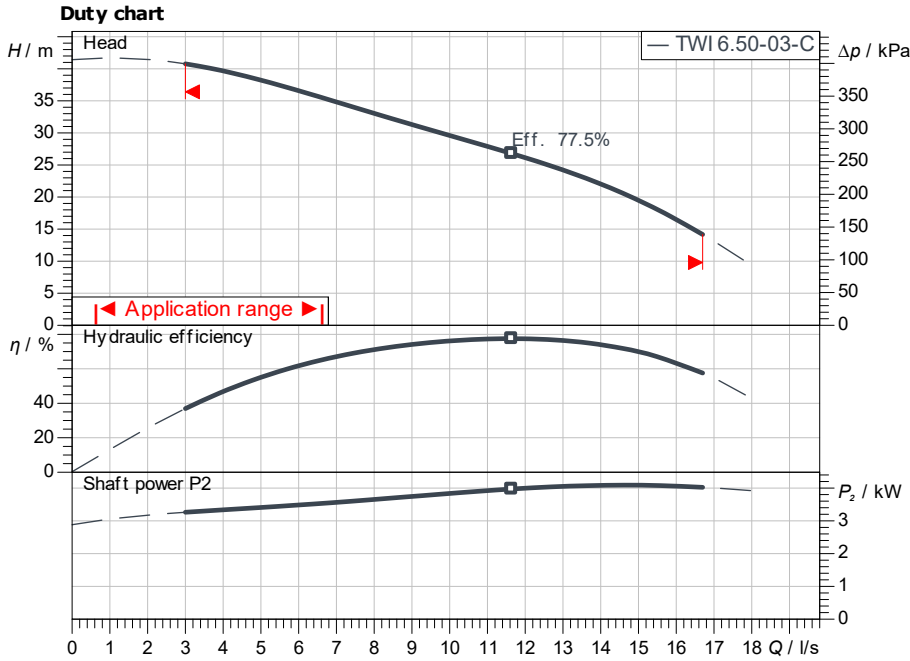
Technical data

Submersible pump Sub TWI 6.50-03-C

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 6.50-03-C | |
| Max. operating pressure | 4,000 kPa |
| Fluid temperature | 3 °C ... +30 °C |
| Minimum efficiency index (MEI) | ≥ 0.4 |
| Max. pump diameter | 148 mm |

Motordata 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 | 98 mm |
| Permitted voltage tolerance | +5 % |
| Nominal speed | 2,850 1/min |
| Rated power P2 | 5.50 kW |
| Rated current | 13.70 A |
| Power factor | 0.76 |
| Degree of protection | IP68 |
| Insulation class | B |

Cable

| | |
|----------------------------|-------|
| Length of connecting cable | 5 m |
| Cable type | 4G1,5 |

Fitting dimensions

| | |
|-----------------|------|
| Discharge size | Rp 3 |
| Flange standard | - |

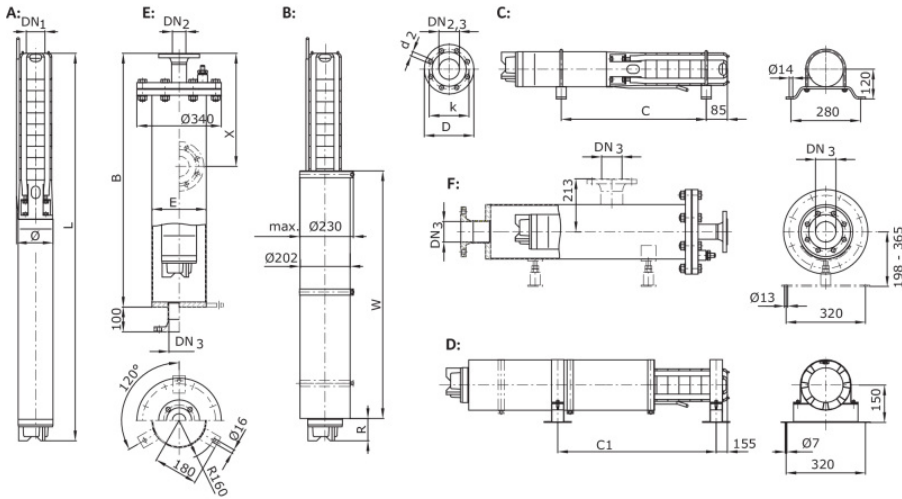
Materials

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

Information for order placements

| | |
|----------------|---------|
| Weight approx. | 38.6 kg |
| Item number | 6075257 |

Approval



Dimensions

| | | | | |
|----|-------|----|-------|--|
| | | mm | | |
| B | 1,650 | L | 1,254 | |
| c | 830 | W | 815 | |
| C1 | 831 | | | |
| e | 219.1 | | | |