

**Customer**

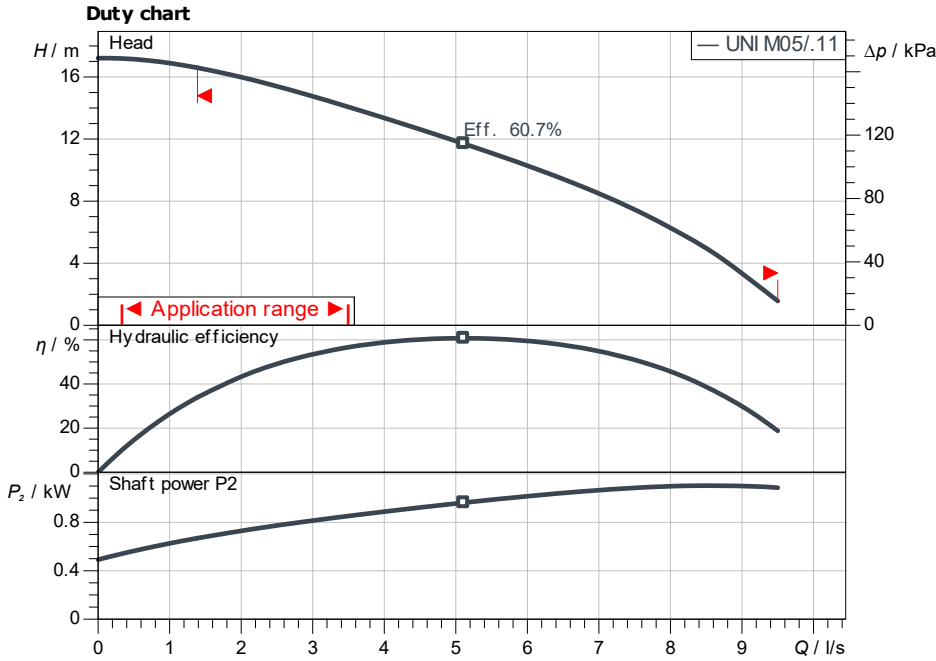
## Technical data

### Submersible drainage pump Padus UNI-M05A/T011-540/A

Project ID                      Untitled project 2025-03-04 01:04:54.425

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  
Power input P1  
Total efficiency

**Product data**

Submersible drainage pump  
Padus UNI-M05A/T011-540/A  
Max. operating pressure                      189 kPa  
Fluid temperature                      3 °C ... +40 °C  
Maximum submergence depth                      7 m  
Free ball passage                      10 mm  
Max. fluid temp. for up to 3 min                      60 °C

**Motordata per Motor/Pump**

Type of motor                      Submersible motor – su  
Mains connection                      3~ 400 V / 50 Hz  
Permitted voltage tolerance                      + -10 %  
Nominal speed                      2,865 1/min  
Rated power P2                      1.10 kW  
Power input P1                      1.57 kW  
Rated current                      4.00 A  
Activation type                      Direct On Line (DOL)  
Degree of protection                      IP68  
Float switch                      Yes  
Motor protection                      Bimetall  
Insulation class                      F  
Operating mode (immersed)                      S1  
Operating mode (non-immersed)                      S2-15 min, S3-10%  
Max. operating rate                      60 1/h

**Cable**

Length of connecting cable                      10 m  
Cable type                      H07RN-F  
Cable cross section                      6G1  
Type of connecting cable                      Detachable  
Mains plug                      CEE 16A, 3P+N+PE, 6H

**Fitting dimensions**

Pipe connection on the suction side,  
Pipe connection (pressure side)                      G 2,

**Materials**

Pump housing                      PP-GF30  
Impeller                      PP-GF30  
Shaft                      1.4401  
Sealing on pump side                      QP PGG  
Sealing on motor side                      NBR  
Gasket material                      NBR  
Motor housing                      1.4301

**Information for order placements**

Weight approx.                      19 kg  
Item number                      6096625

