

Technical data

Submersible drainage pump Padus PRO M05/T039-540/O

Project ID

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

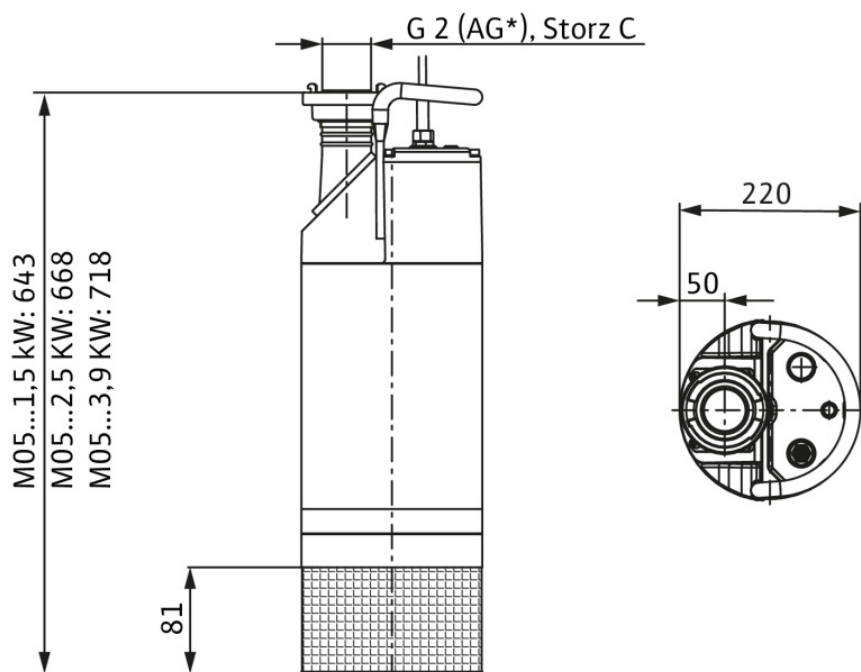
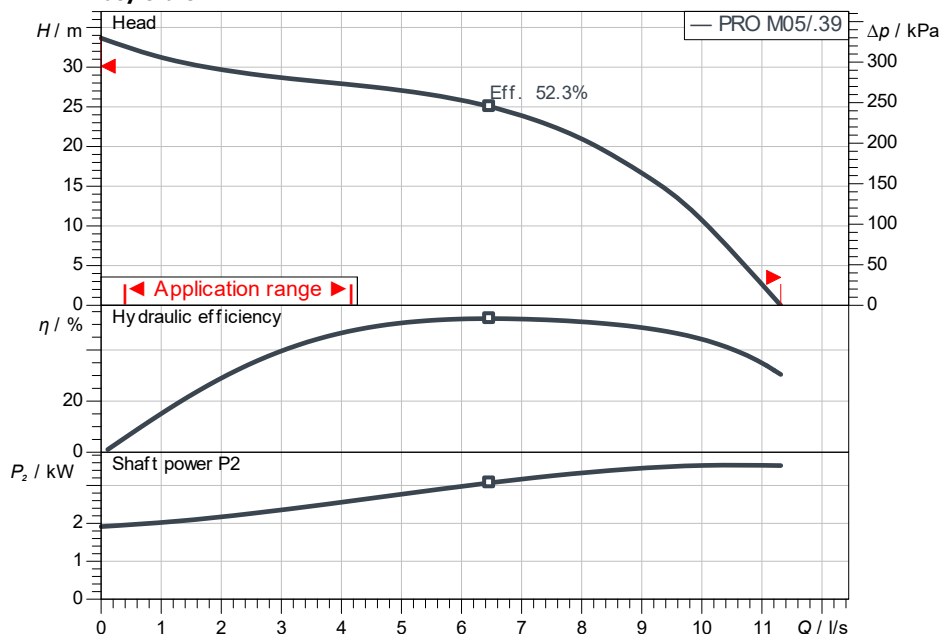
Project name

Installation location

Customer pos. No.

Date 2025-03-04

Duty chart



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	
Power input P1	
Total efficiency	

Product data

Submersible drainage pump	
Padus PRO M05/T039-540/O	
Max. operating pressure	350 kPa
Fluid temperature	3 °C ... +40 °C
Maximum submergence depth	20 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 – sh
Mains connection	3~ 400 V / 50 Hz
Permitted voltage tolerance	+/- 10 %
Nominal speed	2,857 1/min
Rated power P2	3.90 kW
Power input P1	4.6 kW
Rated current	7.80 A
Activation type	Direct On Line (DOL)
Degree of protection	IP68
Float switch	No
Motor protection	Bimetall
Insulation class	H
Operating mode (immersed)	S1
Operating mode (non-immersed)	S1
Max. operating rate	20 1/h

Cable

Length of connecting cable	23 m
Cable type	H07RN-F
Cable cross section	7G1,5
Type of connecting cable	Non-detachable
Mains plug	No

Fitting dimensions

Pipe connection on the suction side,	
Pipe connection (pressure side)	Storz C,

Materials

Pump housing	Aluminium
Impeller	1.4470
Shaft	1.4401
Sealing on pump side	QQ PGG
Sealing on motor side	BXPFF
Gasket material	NBR
Motor housing	Aluminium

Information for order placements

Weight approx.	39 kg
Item number	6089784