

Code	48TPM370A1U
Family	TOP MULTI 2-3
Group	Close-coupled
Typology	Borehole

Uses	Civil
	Household

Application limits

Liquid Type	Clean Water
Minimum liquid temperature	0 °C
Maximum liquid temperature	40 °C
Maximum Chlorine Content	0 ppm
Maximum Sand Content	0 ppm
Manometric suction lift	0 m
Maximum immersion depth	10 m
Maximum Ambient Temperature	0 °C
Minimum Ambient Temperature	0 °C
Maximum Working Pressure	0 bar

Construction and safety standards

Complete with:

- 10 m long power cable
- float switch
- hose connector 35 mm
- complete connector with flap-check valve
- EN 60335-1, IEC 60335-1
- EN 60034-1, IEC 60034-1

Connections

Type of connection	Gas threaded
Size of suction connection	
Size of delivery connection	1¼"

Duty Point

Flow rate (actual)	0.000 l/min
Head (actual)	0.000 m

Input Data

Rated flow rate (requested)	0.000 l/min
Rated head (requested)	0.000 m
System geodetic head	0.000 m
System friction losses	0.000 m
NPSH Available	0.000 m
Liquid	Water
Temperature	20 °C
Density	998.1 kg/m³
Kinematic Viscosity	1.00 mm²/s
Vapour Pressure	2,318 Pa

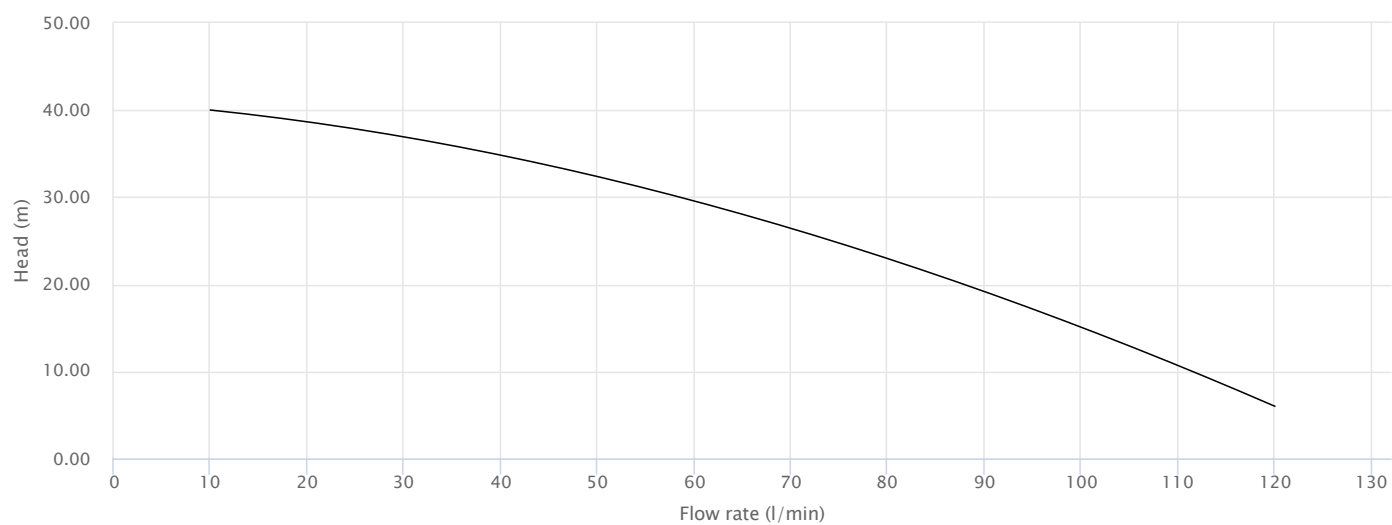
Pump nameplate data

Flow rate	10 - 120 l/min
Head	40 - 6 m
Maximum head	41 m
Minimum head	6 m
Minimum Efficiency Index	-

Motor nameplate data

Voltage	220-240 V
Phases	1
Frequency	50 Hz
Rotation Speed	2900 rpm
Rated output power	0.75 kW
Rated Current	3.9 A
Input power P1	0.85 kW
Efficiency grade	Undefined
Capacitor	14 µF
Capacitor Voltage	450 V
Insulation Class	F
Enclosure class IP	X8

Performance



Construction

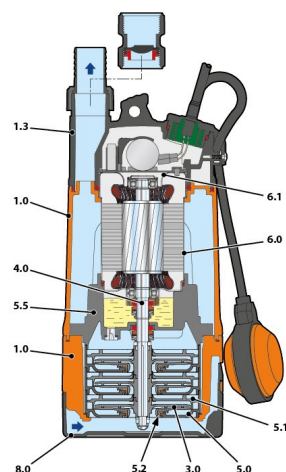
Bearings

Motor bearing - pump side	6202 ZZ - EA3
Motor bearing - opposite side	6201 ZZ

Shaft Seal

Seal Type	Two mechanical seals separated by an oil chamber
-----------	--

Motor Side Model	STA-13R
Diameter MS	13
Stationary Ring MS	Ceramic
Rotating Ring MS	Graphite
Elastomer MS	NBR
Pump Side Model	STA-12R SG
Diameter PS	12
Stationary Ring PS	Silicon Carbide
Rotating Ring PS	Graphite
Elastomer PS	NBR



Materials

1.0 - Pump casing	Reinforced technopolymer
1.3 - Delivery casing	Reinforced technopolymer
3.0 - Impeller	Reinforced technopolymer
4.0 - Pump Shaft	Stainless steel EN 1.4057 (AISI 431)
5.0 - Stage casing	Reinforced technopolymer
5.1 - Diffuser	Reinforced technopolymer
5.2 - Liner Ring	Polyacetal POM
5.5 - Vane diffuser	Reinforced technopolymer
6.0 - Motor casing	Stainless steel EN 1.4301 (AISI 304)
6.1 - Motor Cover	Stainless steel EN 1.4301 (AISI 304)
8.0 - Suction Strainer/Filter	Reinforced technopolymer

Dimensions

DN1	DN2	a	h	Kg
0"	1¼"	178	415	9.9

