

TOP

DRAINAGE submersible pumps
for clear water

Already recognised for their innovative design and safety features, TOP pumps combine a stainless steel internal motor housing with technologically advanced materials to give an exceptionally robust construction.



RANGE OF PERFORMANCE

Flow rate up to 400 l/min (24 m³/h)
Head up to 14.5 m

LIMITS OF USE

Depth up to 5 metres (3 metres up to 0.55 kW)
Liquid temperature up to + 40°C
(+90°C for a maximum period of 3 minutes)
Passage of solid bodies up to Ø 10 mm
Drainage level:
14 mm from the bottom for TOP 1-2-3
30 mm from the bottom for TOP 4-5

CONSTRUCTION AND SAFETY STANDARDS

EN 60 335-1 EN 60034-1
IEC 335-1 IEC 34-1
CEI 61-150 CEI 2-3



INSTALLATION AND USE

THE TOP SERIES IS SUITABLE FOR DRAINING CLEAR WATER WITHOUT ABRASIVE PARTICLES. THE CONSTRUCTION GUARANTEES SIMPLE AND SAFE OPERATION DUE TO THE COMPLETE COOLING OF THE MOTOR BY THE PUMPED WATER AND THE DOUBLE SEAL DESIGN. THEY ARE RECOMMENDED FOR EMERGENCY DRAINING OF SMALL FLOODED AREAS (ROOMS, CELLARS, GARAGES), FOR THE DISPOSAL OF WASTE WATER IN THE HOME (DISHWASHER, WASHING MACHINE) AND FOR EMPTYING DRAINAGE TRAPS.

GUARANTEE 2 YEARS subject to our general terms of sale.

CONSTRUCTION CHARACTERISTICS

- **DELIVERY BODY:** glass filled technopolymer, particularly resistant to impact and corrosion, with threaded port ISO 228/1.
- **SUCTION GRID:** technopolymer.
- **IMPELLER:** open type in technopolymer.
- **MOTOR SUPPORT:** stainless steel AISI 304.
- **MOTOR SHAFT:** stainless steel EN 10088-3 - 1.4104.
- **DOUBLE SEAL:** mechanical seal ceramic -graphite - NBR, with oil barrier chamber and inner lip seal to protect the seal in the event of dry running.
- **MOTOR:** submersible asynchronous single-phase for continuous duty.
TOP: single-phase 220÷240 V - 50 Hz with capacitor and thermal overload protector built into the winding.
- **INSULATION:** class F. ● **PROTECTION:** IP 68.
- **REGISTERED MODEL n° 72765.**

STANDARD FEATURES:

TOP 1-2-3 (single-phase) Float switch.
Hosetail.
Power cable in neoprene "H05 RN-F"
length 5 metres with Schuko plug.

TOP 4-5 (single-phase) Float switch.
① Hosetail.
② Coupling with flap valve.
Neoprene power cable "H05 RN-F" length 10 metres with Schuko plug.

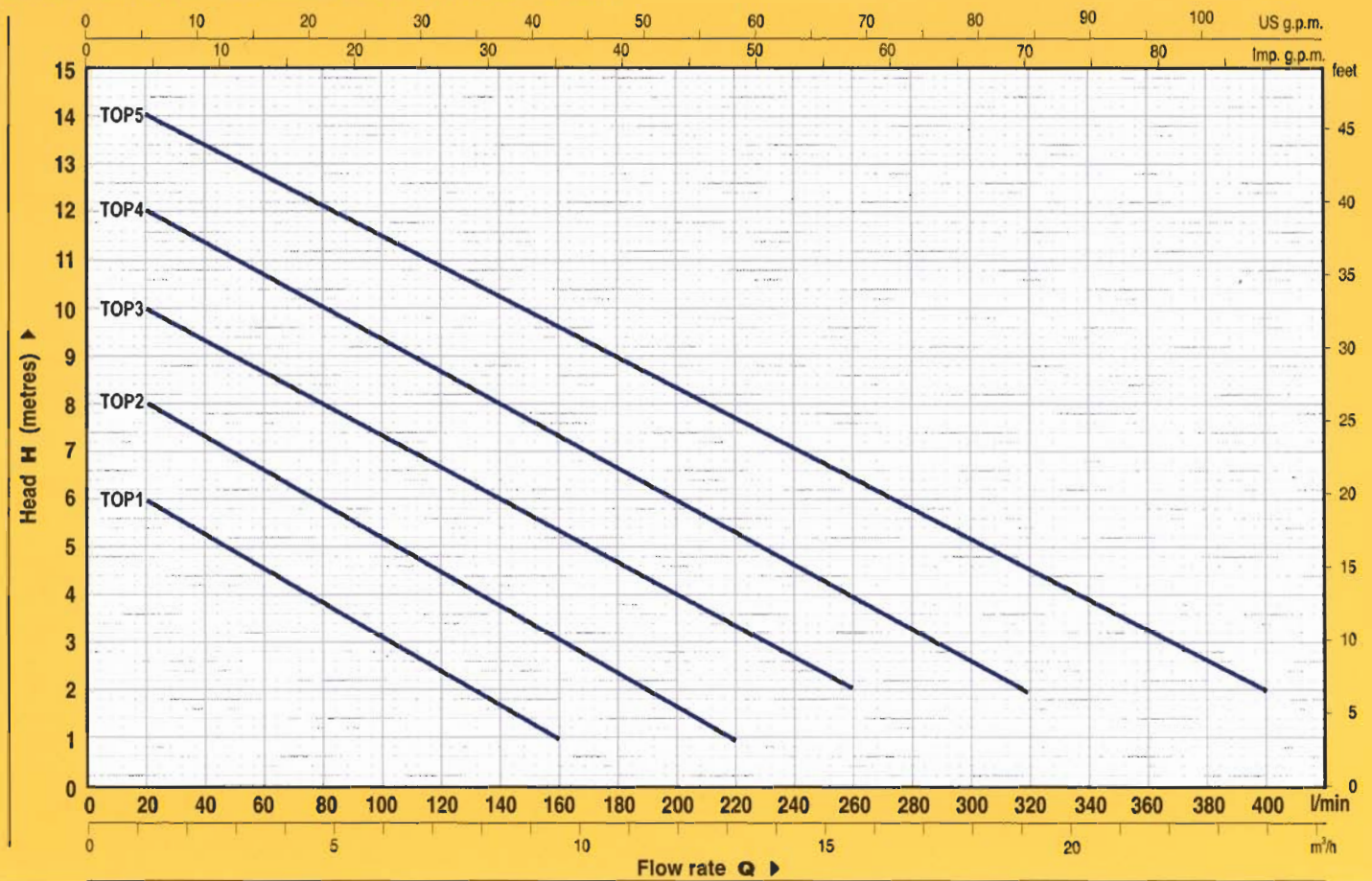
OPTIONS ON REQUEST

- ⇒ pumps for aggressive liquids **TOP - LA**
- ⇒ special mechanical seal
- ⇒ 10 metre power cable.
N.B. required for outdoor use to comply with standard EN 60335-2-41
- ⇒ versions without float switch
- ⇒ other voltages or frequency 60 Hz

 **PEDROLLO**
... the spring of life

 **PUMPPU
LOHJA OY**

CURVES AND PERFORMANCE DATA AT n= 2900 1/min



TYPE Single-phase	POWER		Q m³/h l/min	H metres																							
	kW	HP		0	1.2	2.4	3.6	4.8	6.0	7.2	8.4	9.6	10.8	12	13.2	14.4	15.6	16.8	18.0	19.2	20.4	21.6	22.8	24			
TOP 1	0.25	0.33	7	6	5.5	4.5	4	3	2.5	1.5	1																
TOP 2	0.37	0.50	9	8	7.5	6.5	6	5.5	4.5	4	3	2.5	1.8	1													
TOP 3	0.55	0.75	10.5	10	9	8.8	8	7.5	6.5	6	5.5	4.8	4	3.5	2.5	2											
TOP 4	0.75	1	12.6	12	11.5	10.7	10	9.3	8.7	8	7.3	6.7	6	5.3	4.7	4	3.3	2.7	2								
TOP 5	0.92	1.25	14.5	14	13.5	12.7	12.1	11.5	10.8	10.2	9.6	8.9	8.3	7.7	7.1	6.4	5.8	5.2	4.5	3.9	3.3	2.6	2				

Q = Flow rate H = Total manometric head

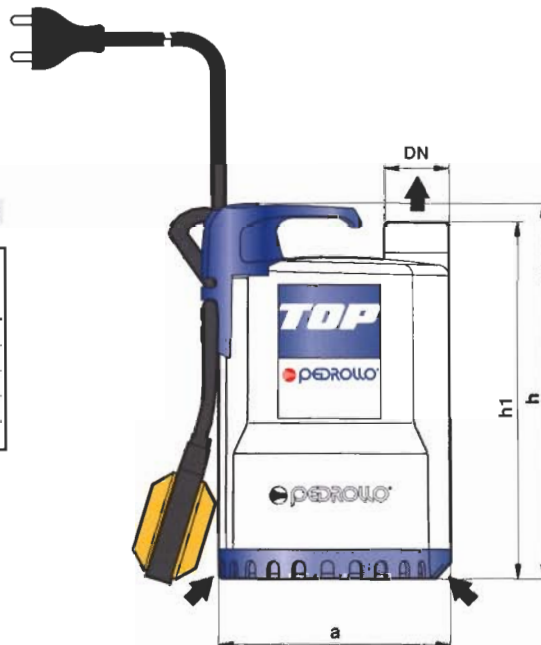
Tolerance of the performance curves according to EN ISO 9906 App. A.

DIMENSIONS AND WEIGHTS

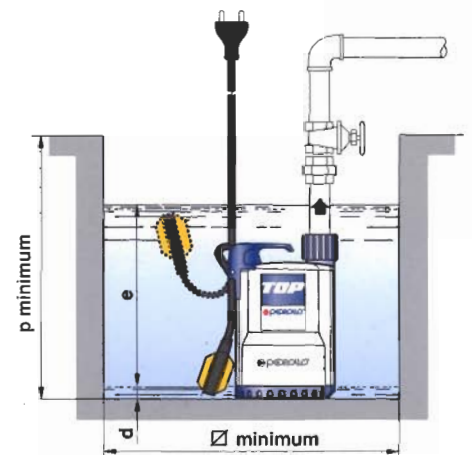
TOP-LA* for aggressive liquids

TYPE
Single-phase
TOP 1 - LA
TOP 2 - LA
TOP 3 - LA
TOP 4 - LA
TOP 5 - LA

* Wetted metal parts in AISI 316 stainless steel.



Typical installation



TYPE Single-phase	PORT DN	DIMENSIONS mm							kg
		a	h	h1	d	e	p	Ø	
TOP 1	1"		232	217					4.1
TOP 2	1 1/4"	152	257	237	14	adjustable	350	350	5.0
TOP 3			287	267					6.4
TOP 4									9.8
TOP 5	1 1/2"	204	334	310	21		450	450	10.8