

TOP *MULTI*

submersible DRAINAGE pumps
(for clear water)

Cleverness and simplicity closed in an innovative design for an easy installation and use in gardening, emptying of basements, emptying or filling of deep wells. The choice of a multistage solution, in a light and solid construction, allows TOP MULTI to combine a high flexibility of use together to an easy handling.



PERFORMANCE RANGE

Flow rate up to 100 l/min (6 m³/h)
Dynamic head up to 36 m

OPERATING LIMITS

Maximum operating depth 5 m below water level
Maximum fluid temperature + 40°C
Maximum sand content 50 g/m³
Maximum emptying level 30 mm from the bottom

CONSTRUCTION AND SAFETY STANDARDS:

EN 60 335-1
IEC 335-1
CEI 61-150

EN 60034-1
IEC 34-1
CEI 2-3



PUMP INSTALLATION AND APPLICATIONS

THESE PUMPS ARE SUITABLE FOR PUMPING CLEAN WATER OR FLUIDS WITH A SAND CONTENT OF NOT MORE THAN 50 g/m³. THEIR HIGH PERFORMANCE AND RELIABILITY MAKE THEM SUITABLE FOR USE IN DOMESTIC. DUE TO THEIR HIGH PERFORMANCE AND RELIABILITY, THEY ARE SUITABLE FOR DOMESTIC WATER SUPPLY FROM TUBS, TANKS OR RELATIVELY DEEP WELLS. THEY MAY BE USED TO TAKE RAIN WATER FROM TANKS TO FEED AN IRRIGATION SYSTEM.

WARRANTY: 1 YEAR

(according to our general sales conditions).

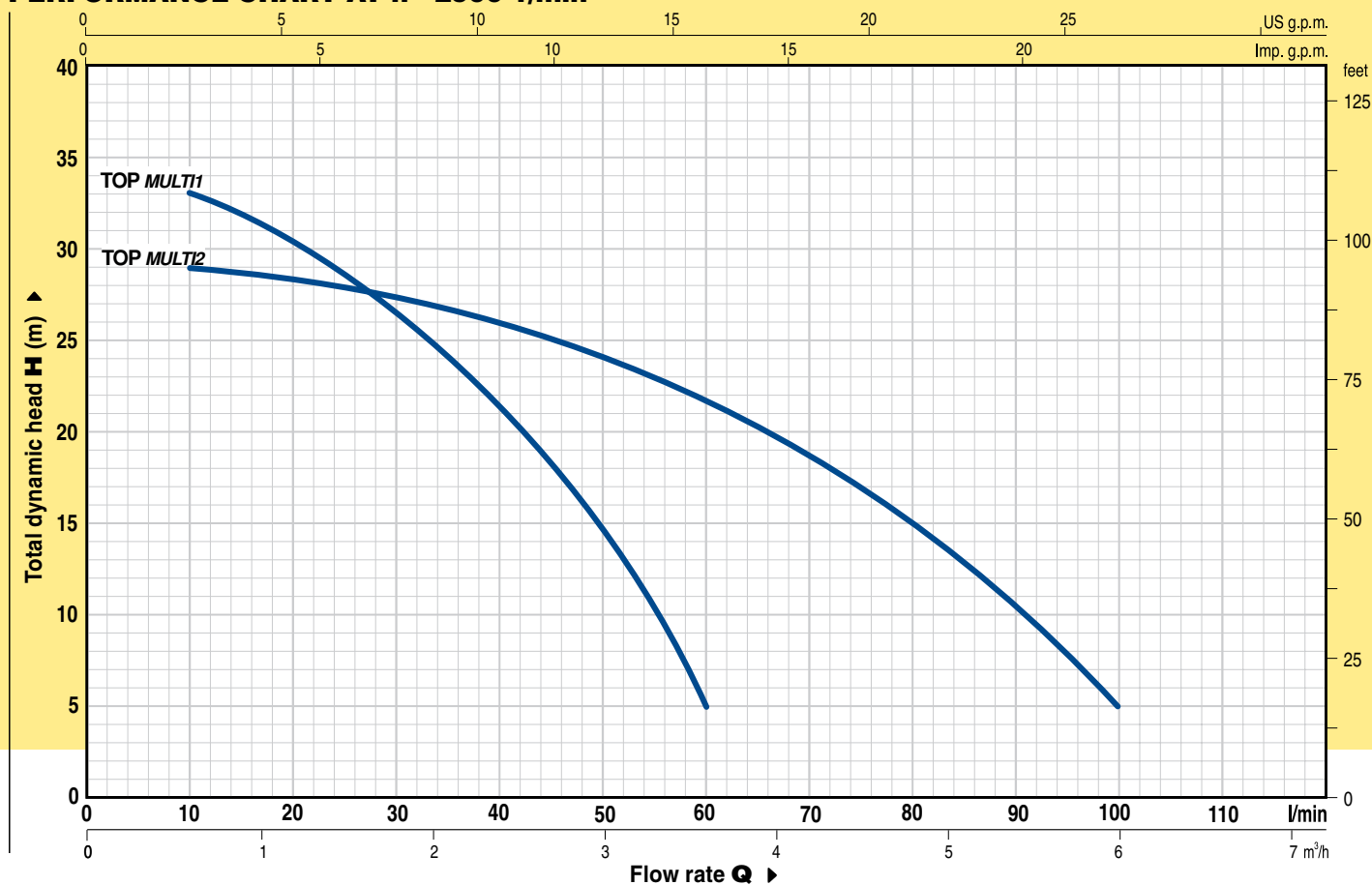
STRUCTURAL CHARACTERISTICS

- **DELIVERY BODY and SUCTION STRAINER:** made from fiberglass reinforced **technopolymer**, particularly resistant to mechanical stress, knocks and corrosion, fitted with UNI ISO 228/1 1 1/4" gas threaded vertical delivery opening.
- **HOSE JOINT:** **technopolymer** with screw fitting.
- **IMPELLERS:** "General Electric" **Lexan® technopolymer**.
- **DIFFUSERS:** "General Electric" **Noryl® technopolymer**.
- **BOWL:** **AISI 304 stainless steel**.
- **MOTOR CASING:** pressed **AISI 304 stainless steel**.
- **MOTOR SHAFT:** **AISI 416 stainless steel**.
- **DOUBLE MECHANICAL SEAL:** **carbon/alumina** on the pump side and sealing ring on the motor side (with barrier oil chamber to lubricate and cool the sealing surfaces in the absence of water).
- **MOTOR:** sealed induction, suitable for continuous duty with built-in thermal cutout relay (motor protector). **INSULATION Class F** (provides the motor with a considerable overload tolerance and substantially increases the service life of the motor itself). Cooling of motor assured by the liquid in which the pump is immersed.
- **PROTECTION:** IP 68.
- **SUPPLY CABLE:** "H07RN-F" neoprene submersible. Supplied standard with 5 meters of cable and SCHUKO plug.
- **EXTERNAL FLOAT SWITCH:** standard equipment.
- **REGISTERED MODEL n° 72765**

SPECIAL FEATURES ON REQUEST:

- ⇒ 10 meters supply cable, for pumps intended for outdoor use, length compulsory according to EN 60335-2-41
- ⇒ female/female **THREAD COUPLING 1 1/4" x 1 1/4"** gas equipped with clapet check valves

PERFORMANCE CHART AT n= 2900 1/min

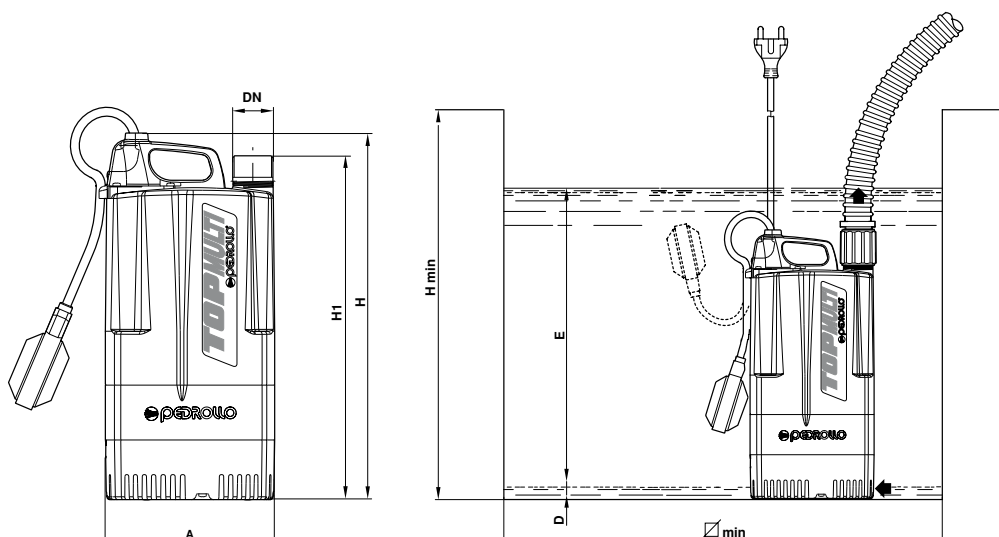


PERFORMANCE DATA AT n= 2900 1/min

PUMP MODEL	POWER		Q	0	0.6	1.2	1.8	2.4	3.0	3.6	4.2	4.8	5.4	6.0
	kW	HP	$\frac{m^3}{h}$ l/min	0	10	20	30	40	50	60	70	80	90	100
TOP MULTI 1	0.37	0.50	H (m)	36	33	30.5	26.5	21.5	14.5	5				
TOP MULTI 2	0.50	0.70		30	29	28	27	26	24	22	19	15	10.5	5

Q = FLOW RATE H = TOTAL DYNAMIC HEAD IN METERS

Curve tolerance according to ISO 2548.



DIMENSIONS

PUMP MODEL	DN	DIMENSIONS mm						
		A	H	H1	D min	E	H min	\varnothing min
TOP MULTI 1	1 1/4"	176	380	345	30	Adjustable	350	350
TOP MULTI 2	1 1/4"	176	380	345	30	Adjustable	350	350