

TOP

submersible DRAINAGE pumps (for clear water)

These pumps, already known for their innovative design and advanced technology, are now more robust thanks to the substitution of the aluminium motor casing with a stainless steel one. The hydraulic performance improves remarkably as a result of a new fluid dynamic design. The efficiency and the flow rate have improved by an average of 30%.



PERFORMANCE RANGE

Flow rate up to 260 l/min (15.6 m³/h)
Dynamic head up to 10.5 m

OPERATING LIMITS

Maximum operating depth 3 m below water level
Maximum fluid temperature + 40°C
Maximum passage for suspended solids Ø 10 mm
Maximum emptying level 14 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

TOP PUMPS ARE SUITABLE FOR LIFTING CLEAR WATER NOT CONTAINING ABRASIVE SUBSTANCES. THESE PUMPS HAVE BEEN DESIGNED FOR EASY USE AND ARE EXTREMELY RELIABLE EVEN WHEN SUBJECTED TO CONTINUOUS USE, SINCE THE MOTOR IS FULLY COOLED AND HAS AN AMPLE RESERVE OF POWER PLUS A DOUBLE MECHANICAL SEAL.

THESE PUMPS ARE PARTICULARLY SUITABLE FOR DRAINING FLOODED AREAS (BASEMENTS, GARAGES, ETC.), WASTE DOMESTIC WATER DISPOSAL (DISHWASHERS, WASHING MACHINES), SMALL-SCALE IRRIGATION FOR GARDENS IN GENERAL FROM COLLECTION TANKS AND EMPTYING SUMP PITS.

WARRANTY: 1 YEAR

(according to our general sales conditions).

STRUCTURAL CHARACTERISTICS

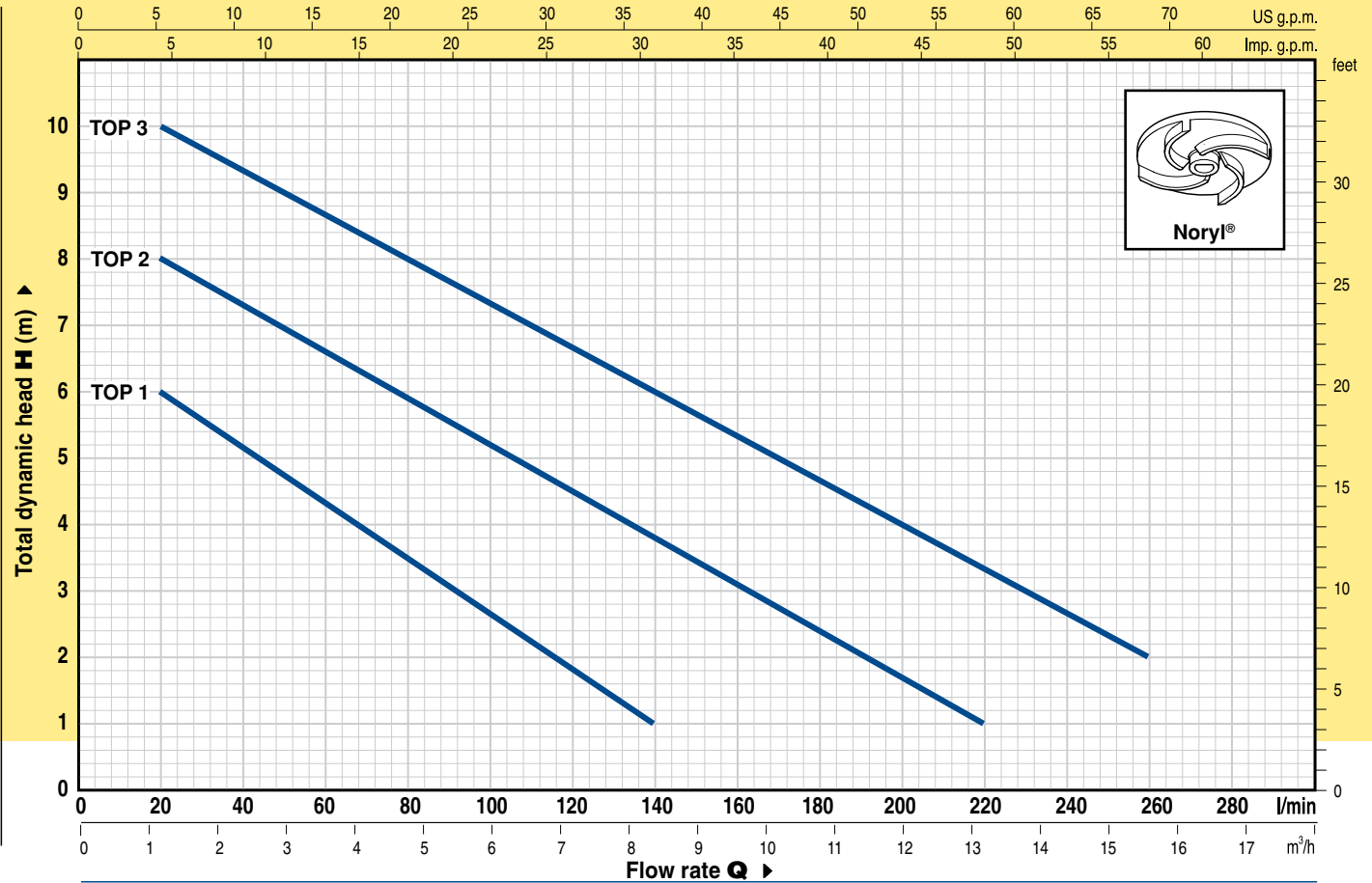
- **DELIVERY BODY AND SUCTION STRAINER:** made of fiberglass reinforced **technopolymer**, particularly resistant to mechanical stress, knocks and corrosion, fitted with UNI ISO 228/1 1" or 1 1/4" gas threaded vertical delivery opening.
- **HOSE JOINT:** **technopolymer**.
- **IMPELLER:** "General Electric" Noryl® **technopolymer** open model.
- **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:** "H05 RN-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:

- ⇒ **TOP2 LA, TOP3 LA:** pumps for aggressive liquids with all metallic components, in contact with pumped liquids, in **AISI 316 stainless steel**
- ⇒ 10 meters supply cable; for pumps intended for outdoor use, length compulsory according to EN 60335-2-41



PERFORMANCE CHART AT n= 2900 1/min

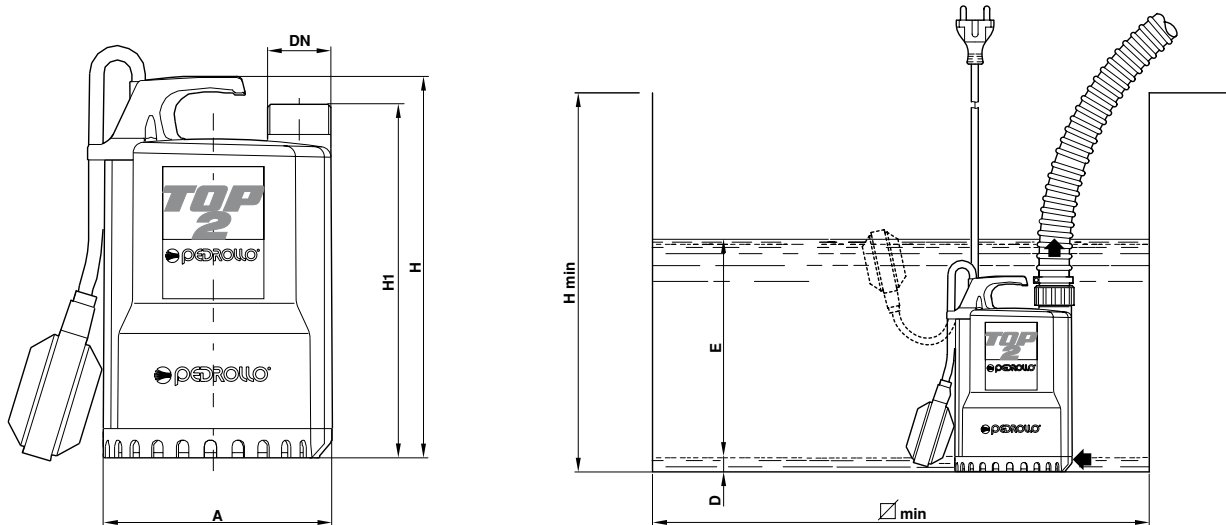


PERFORMANCE DATA AT n= 2900 1/min

PUMP MODEL	POWER		Q	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	
	kW	HP	m³/h	0	20	40	60	80	100	120	140	160	180	200	220	240	260	
TOP 1	0.25	0.33	H (m)	7	6	5.5	4.5	3.5	2.5	2	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	0.50	0.70		10.5	10	9	8.8	8	7.5	6.5	6	5.5	4.8	4	3.5	2.5	2	

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	∅ min
TOP 1	1"	152	234	217	14	Adjustable	350	350
TOP 2	1 1/4"	152	254	237	14	Adjustable	350	350
TOP 3	1 1/4"	152	284	267	14	Adjustable	350	350