

H₂O

submersible DRAINAGE pump (for clear water)



PERFORMANCE RANGE

Flow rate up to 120 l/min (7.2 m³/h)
Dynamic head up to 7 m

OPERATING LIMITS

Maximum operating depth 2 m below water level
Maximum fluid temperature + 40°C
Maximum passage for suspended solids Ø 10 mm
Maximum emptying level 9 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

H₂O pump is designed to pump clear or slightly dirty water not containing abrasive substances.

IT IS RECOMMENDED FOR EMPTYING SMALL VOLUMES SUCH AS FLOODED BASEMENTS AND GARAGES, HOLIDAY HOMES, TUBS, AND WASTE DOMESTIC WATER DISPOSAL.

A purpose built pit with minimum dimensions 350x350x350h mm is recommended for fixed installations.

WARRANTY: 1 YEAR

(according to our general sales conditions).

STRUCTURAL CHARACTERISTICS

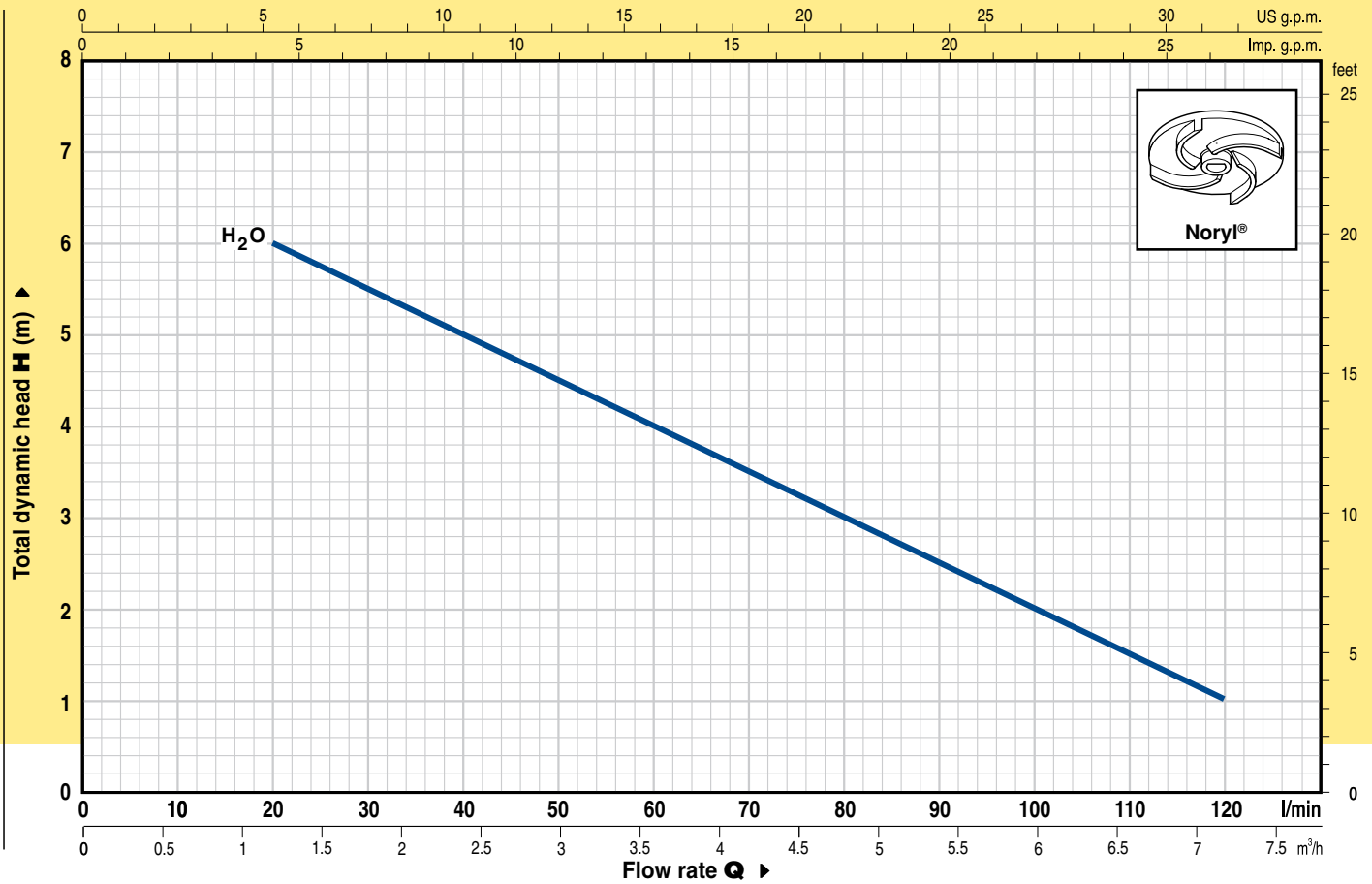
- **DELIVERY BODY:**
AISI 304 stainless steel, with UNI ISO 228/1 1 1/4" gas threaded delivery opening.
- **BASE:**
AISI 304 stainless steel, providing the support base for the pump.
- **IMPELLER:**
"General Electric" Noryl® technopolymer, open type.
- **MOTOR SHAFT:**
AISI 416 stainless steel.
- **MECHANICAL SEAL:**
carbon/alumina.
- **MOTOR:**
sealed induction, designed for continuous duty. The thermal cutout relay (motor protector) is incorporated. INSULATION class B.
- **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.

SPECIAL FEATURES ON REQUEST:

⇒ 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

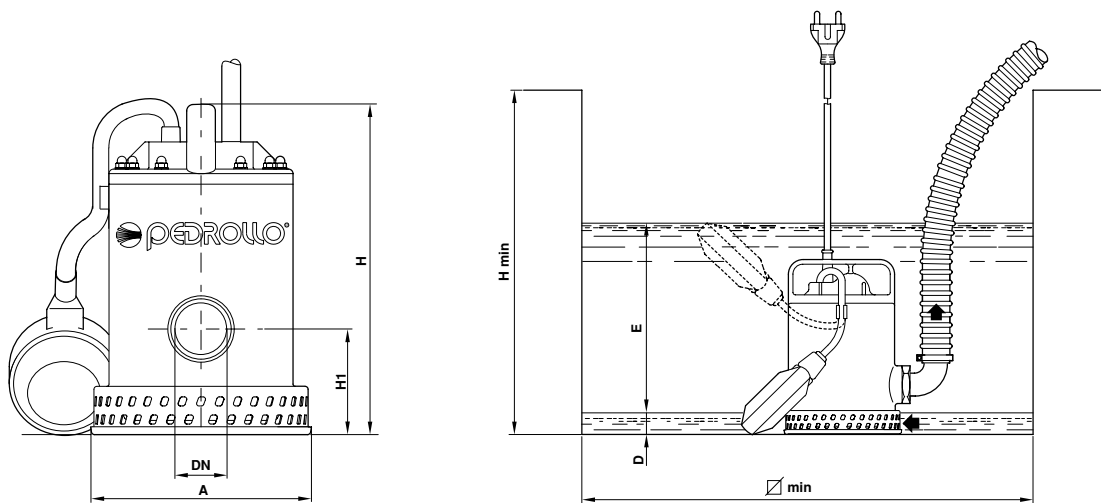


PERFORMANCE DATA AT n= 2900 1/min

PUMP MODEL	POWER		Q	0	1.2	2.4	3.6	4.8	6.0	7.2
	kW	HP	m³/h	0	20	40	60	80	100	120
Single phase			l/min							
H₂O	0.30	0.40	H (m)	7	6	5	4	3	2	1

Q = FLOW RATE H = TOTAL DYNAMIC HEAD IN METERS

Curve tolerance according to ISO 2548.



DIMENSIONS

PUMP MODEL	DIMENSIONS mm							
	DN	A	H	H1	D min	E	H min	∅ min
Single phase								
H₂O	1 1/4"	145	237	70	9	Adjustable	350	350