

EN
NEW

D



40TH

PEDROLLO[®]
... the spring of life



NEW

New version of the D series, made more reliable with the introduction of double mechanical seals.

TECHNICAL CHARACTERISTICS

- ▶ Double mechanical seals
- ▶ Cast iron pump body subjected to Epoxy Electrocoating Treatment
- ▶ Precision cast stainless steel handle
- ▶ Float switch equipped with patented tilting system (patented)

INSTALLATION AND USE

Designed to pump **clear or slightly dirty water**, these pumps are suitable for use in domestic, civil and professional applications and in particular for draining flooded areas such as cellars and garages, for draining swimming pools and reservoirs and for the disposal of non-sewage waste water.

These pumps distinguish themselves for their reliability, which can be best appreciated under automatic operating conditions in fixed installations.

APPLICATION LIMITS

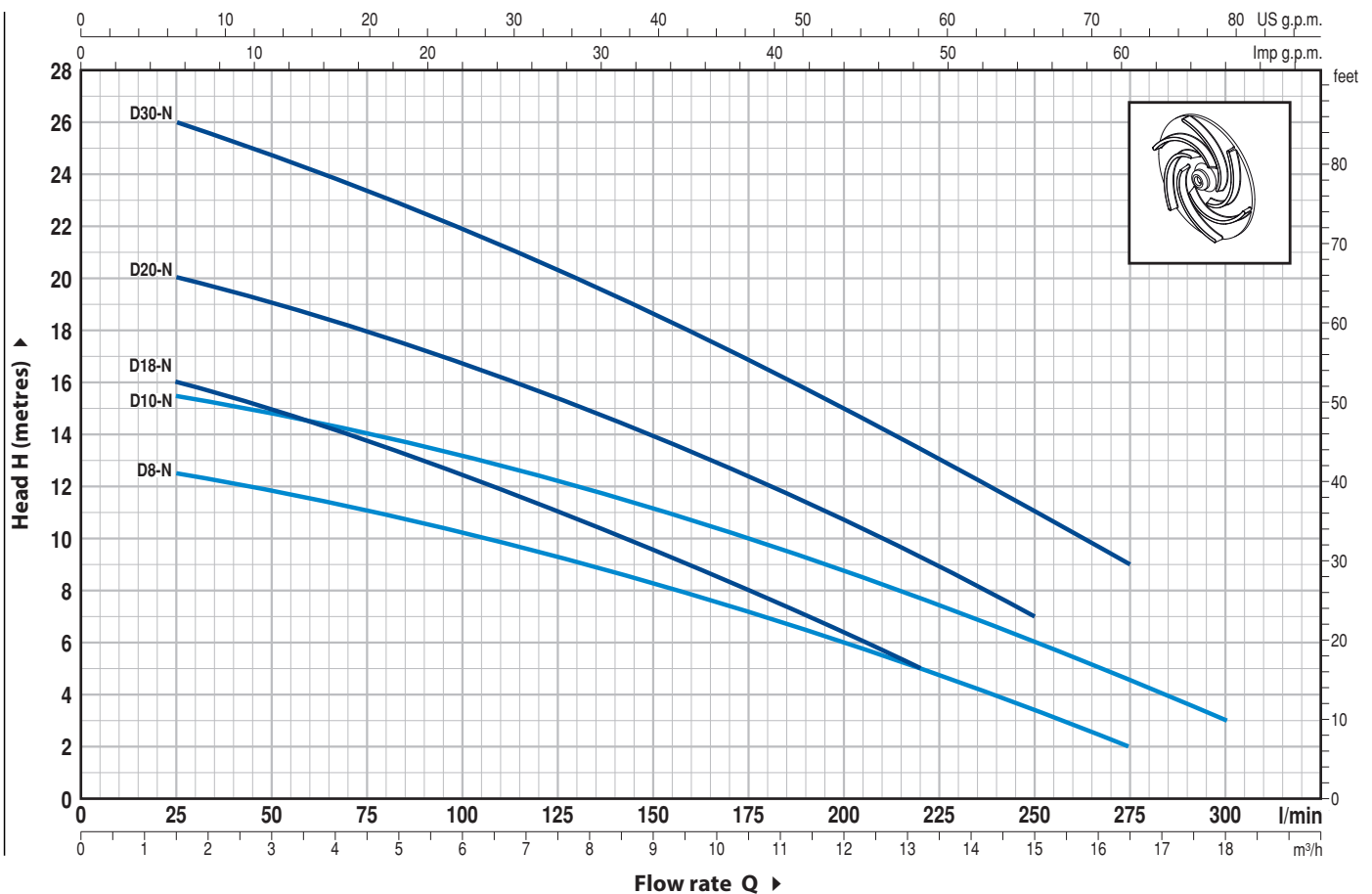
- 5 m maximum immersion depth
- Maximum liquid temperature +40 °C
- Solids passage up to **Ø 10 mm**

STANDARD SUPPLY

- Complete with:
 - 5 m long power cable for D8-N, D10-N, D18-N, D20-N
 - 10 m long power cable for D30-N
- Float switch for single-phase versions

CHARACTERISTIC CURVES AND PERFORMANCE DATA

50 Hz n= 2900 1/min



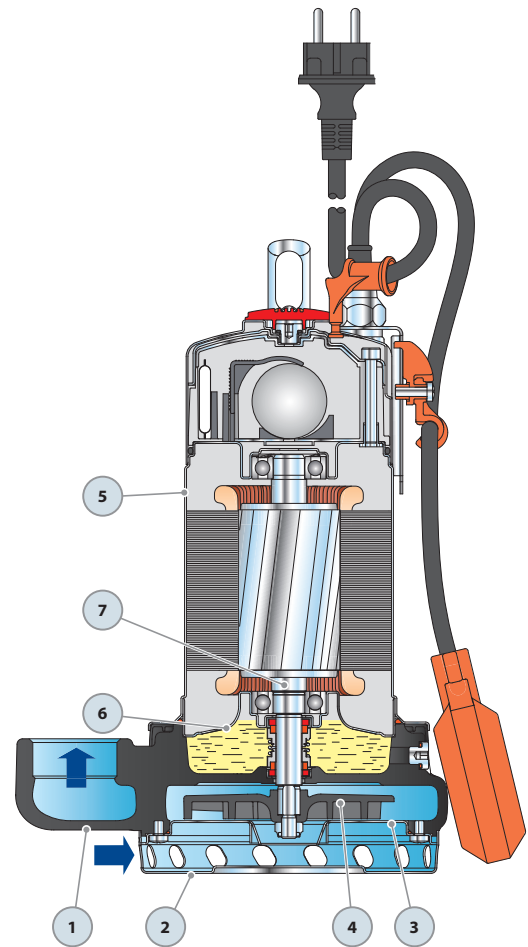
MODEL		POWER		Q	Flow rate																	
Single-phase	Three-phase	kW	HP		m³/h	0	1.5	3.0	4.5	6.0	7.5	9.0	10.5	12.0	13.2	15.0	16.5	18.0				
				l/min	0	25	50	75	100	125	150	175	200	220	250	275	300					
Dm 8-N	–	0.55	0.75	H metres	13	12.5	11.8	11	10.2	9.2	8.2	7.2	6	5	3.5	2						
Dm 10-N	D 10-N	0.75	1		16	15.5	14.8	14	13.2	12.2	11.2	10	8.8	7.8	6	4.5	3					
Dm 18-N	–	0.55	0.75		17	16	15	13.7	12.5	11	9.5	8	6.5	5								
Dm 20-N	D 20-N	0.75	1		21	20	19	18	16.8	15.5	13.9	12.3	10.7	9.2	7							
Dm 30-N	D 30-N	1.1	1.5		27	26	24.8	23.5	22	20.4	18.7	16.9	15	13.5	11	9						

Q = Flow rate H = Total manometric head

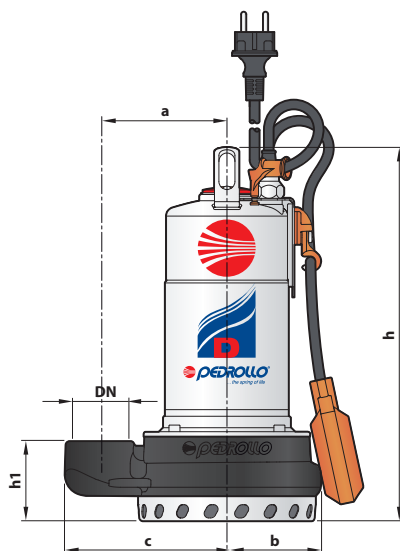
Tolerance of characteristic curves in compliance with EN ISO 9906 Grade 3.

CONSTRUCTION CHARACTERISTICS

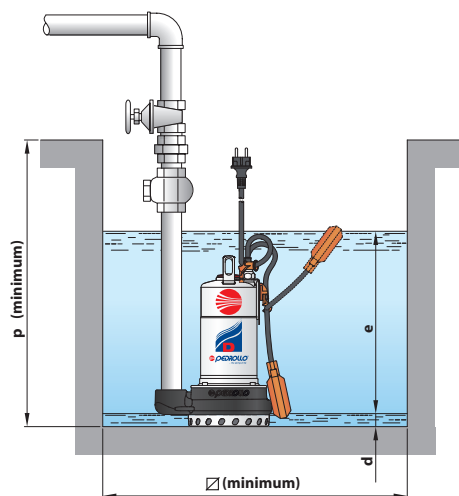
- 1 PUMP BODY** Cast iron, with threaded port in compliance with ISO 228/1
- 2 SUCTION FILTER** Stainless steel AISI 304
- 3 SUCTION PLATE** Stainless steel AISI 304
- 4 IMPELLER** Technopolymer open type (closed for D30)
- 5 MOTOR CASING** Stainless steel AISI 304
- 6 MOTOR CASING PLATE** Stainless steel AISI 304
- 7 MOTOR SHAFT** Stainless steel EN 10088-3 - 1.4104



DIMENSIONS



Typical installation



MODEL		PORT	DIMENSIONS mm								
Single-phase	Three-phase	DN	a	b	c	h	h1	d	e	p	∅
Dm 8-N	-	1½"	115	85	147	340	72	17	variable	500	500
Dm 10-N	D 10-N										
Dm 18-N	-										
Dm 20-N	D 20-N										
Dm 30-N	D 30-N										
				93		355	84	15			