



DRAINAGE submersible pumps for clear or slightly dirty water

DRAINAGE submersible pumps in cast iron, particularly robust and reliable. Ideal for fixed installations.



RANGE OF PERFORMANCE

Flow rate up to 400 l/min (24 m³/h)
Head up to 27 m

LIMITS OF USE

Depth up to 10 m
Liquid temperature up to + 40°C
Passage of suspended solid bodies up to Ø 10 mm
Drainage level to 15 mm from the bottom
For continuous duty: minimum immersion 210 mm from pump base

CONSTRUCTION AND SAFETY STANDARDS

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



INSTALLATION AND USE

DC SUBMERSIBLE PUMPS, MADE OF EXCEPTIONALLY STURDY HEAVY-GAUGE CAST IRON, RESISTANT TO ABRASION AND LONG-LASTING, ARE RECOMMENDED FOR DRAINING CLEAR OR SLIGHTLY DIRTY WATER AND FOR DISPOSING OF NON-SEWAGE WASTE WATER; THEY ARE OUTSTANDING BOTH IN THEIR STURDINESS AND THEIR RELIABILITY IN FIXED INSTALLATIONS WITH AUTOMATIC OPERATION.

GUARANTEE 2 YEARS subject to our general terms of sale.

CONSTRUCTION CHARACTERISTICS

- **PUMP BODY:** cast iron, with threaded port ISO 228/1.
- **MOTOR CASING:** cast iron.
- **SUCTION GRID:** stainless steel AISI 304.
- **IMPELLER:** cast iron.
- **MOTOR SHAFT:** stainless steel EN 10088-3 - 1.4104.
- **DOUBLE SEAL:** mechanical seal silicon carbide - NBR, with oil barrier chamber and inner lip seal to protect the seal in the event of dry running.
- **MOTOR:** submersible asynchronous for continuous duty.
DCm: single-phase 220÷240 V - 50 Hz with thermal overload protector.
DC: three-phase 380÷415 V - 50 Hz.
- **INSULATION:** class F. ● **PROTECTION:** IP 68.

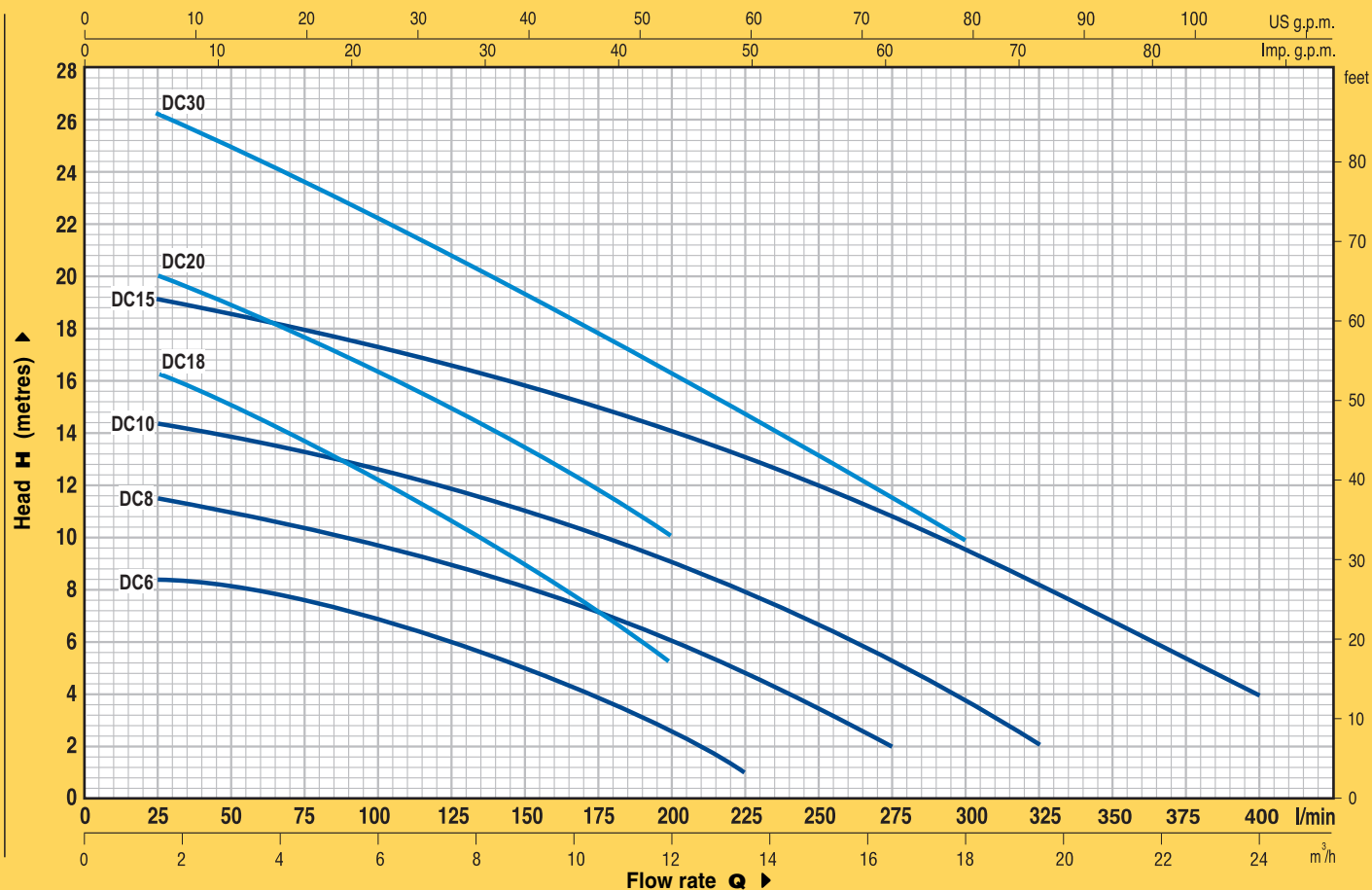
STANDARD FEATURES:

- DCm** (single-phase) Float switch.
Neoprene power cable "H07 RN-F" length **10 metres** with Schuko plug.
Electric panel with capacitor.
- DC** (three-phase) Neoprene power cable "H07 RN-F" length **10 metres**.

OPTIONS ON REQUEST

- ⇒ control box for three-phase pumps 1.1 kW
- ⇒ single-phase pumps without float switch
- ⇒ other voltages or frequency 60 Hz

CURVES AND PERFORMANCE DATA AT n= 2900 1/min

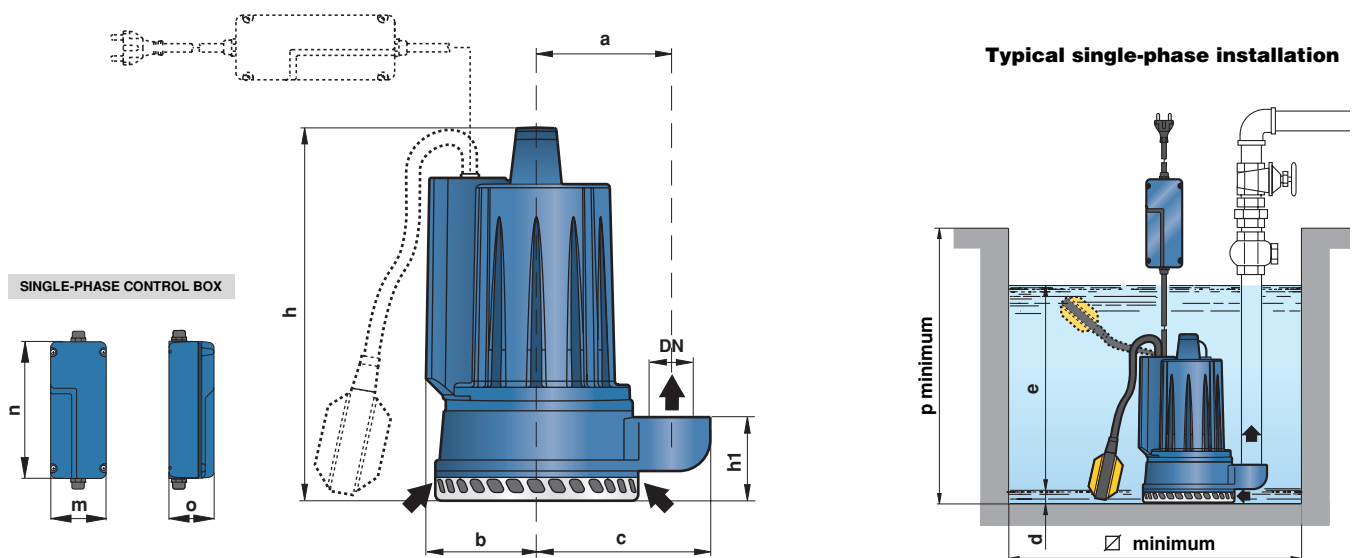


TYPE		POWER		Q	m³/h															
Single-phase	Three-phase	kW	HP		0	1.5	3.0	4.5	6.0	7.5	9.0	10.5	12.0	13.5	15.0	16.5	18.0	19.5	21.0	24.0
				l/min	0	25	50	75	100	125	150	175	200	225	250	275	300	325	350	400
DCm 6	—	0.45	0.60	H metres	9	8.5	8	7.5	6.8	6	5.2	4	2.6	1						
DCm 8	—	0.60	0.85		12	11.5	11	10.5	9.8	9	8.2	7.2	6	4.8	3.5	2				
DCm 10	DC 10	0.75	1		15	14.5	14	13.2	12.5	11.8	11	10	9	8	6.8	5.4	3.5	2		
DCm 15	DC 15	1.1	1.5		19.5	19	18.5	18	17.5	16.5	16	15	14	13	11.8	10.5	9.2	8	7	4
DCm 18	—	0.6	0.85		17	16.5	15	13.5	12	10.7	9	7.7	5							
DCm 20	DC 20	0.75	1		21	20	19	17.5	16	15	13.5	12	10							
DCm 30	DC 30	1.1	1.5		27	26	25	23.5	22	21	19.5	18	16	14.5	13	11.5	10			

Q = Flow rate H = Total manometric head

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

DIMENSIONS AND WEIGHTS



TYPE		PORT DN	DIMENSIONS mm											kg		
Single-phase	Three-phase		a	b	c	h	h1	m	n	o	d	e	p	Ø	1~	3~
DCm 6	—	1 1/2"	105	90	136	285	66	81	200	66	15	adjustable	500	500	14.8	3~
DCm 8	—		16.1		-											
DCm 10	DC10		17.1		16.1											
DCm 15	DC15		19.3	18.2												
DCm 18	—		16.1	-												
DCm 20	DC 20		17.1	16.1												
DCm 30	DC 30	110	90	140	310	80	19.3	18.2								