
DRENAG 1000 - 1200 SUBMERSIBLE PUMPS

NEW



DAB
PUMP PERFORMANCE

DRENAG 1000 - 1200

- ✓ *Innovative and modern design*
- ✓ *Easy and rapid maintenance*
- ✓ *Supports metallic bearings to improve the dissipation of heat and to guarantee max alignment and long life*
- ✓ *Double mechanical seal with vicariously oil chamber*



Type of installations

- Draining of construction sites
- Emptying of tanks and reservoirs
- Draining of cellars, garages, basements
- Pumping of domestic wastewater (washing machines, showers, sinks)
- Emptying of tanks in industrial and ecological applications
- Lawn and garden irrigation
- Fountains

DRENAG 1000 - 1200



GENERAL DATA

Applications

Stainless steel submersible pump with thrust ring type impeller, for draining clear waste water containing solids of maximum **10 mm diameter**.

Pump construction characteristics

Pump body, impeller, flange, filter and disk, motor casing, casing with handle and cabling compartment cover in stainless steel AISI 304. Stainless steel handle covered with insulating rubber. AISI 316 stainless steel motor shaft. Double mechanical seal with interposed non-toxic oil chamber, in carbon-aluminium motor side and silicon carbide-silicon carbide pump side.

Motor construction characteristics

Dry asynchronous and waterproof type, cooled by pumped liquid. Rotor mounted on permanently lubricated ball bearings oversized and selected to guarantee silent operation and extended lifetime. Standard thermal switch protection device. Capacitor permanently fitted on single phase versions.

Construction in compliance with CEI 2-3 - CEI 61-69 (EN 60335-2-41).

Protection level: IP 68

Insulation class: F

Standard power supply:

220-240V 50Hz single phase

400V 50Hz three phase

Single phase version can be supplied with or without float for automatic operation.

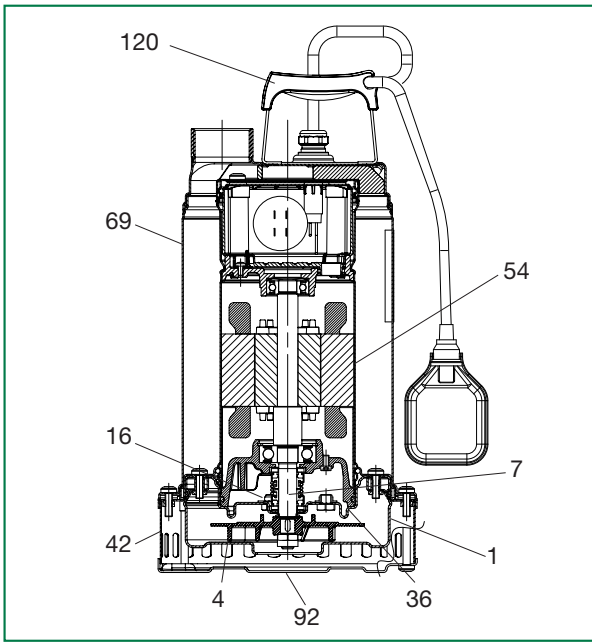
Power cable:

10 metres H07RN-F, with UNEL 47166-68 plug for single phase version.

Technical data

- Operation range: from 3 to 28 m³/h with head up to 17 metres
- Pumped liquid: rain water, ground water, sandy water from construction site and clear waste water, non-aggressive in all cases.
- Liquid temperature range:
 - from 0°C to +35°C for domestic use (EN 60335-2-41)
 - from 0°C to + 50°C for other applications
- Max. ambient temperature for operation with motor emerged: +40°C
- Max. immersion: 10 metres
- Installation: fixed or mobile, horizontal or vertical

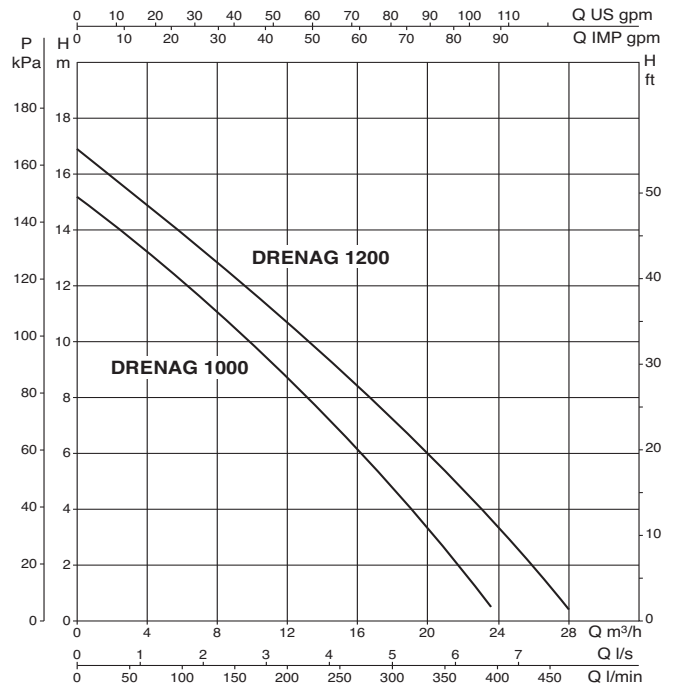
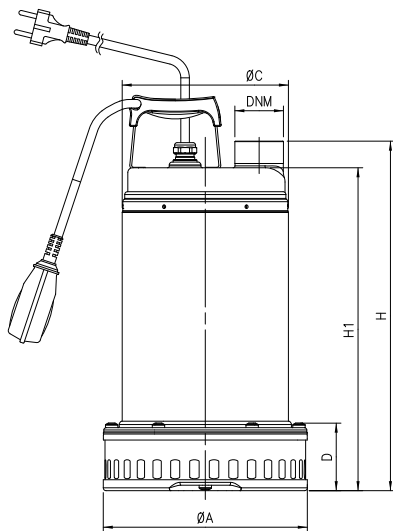
DRENAG 1000 - 1200



N.	PARTS	MATERIALS	
1	PUMP BODY	STAINLESS STEEL AISI 304 X5CrNi 1810 - UNI 6900/71	
4	IMPELLER		
7	MOTOR SHAFT	MICROCASTING STAINLESS STEEL AISI 316 X5CrNiMo 1712 - UNI 6900/71	
16	MECHANICAL SEAL	PUMP SIDE	SILICON CARBIDE/SILICON CARBIDE
		MOTOR SIDE	CARBON/ALLUMINA
36	SEAL COVER	STAINLESS STEEL AISI 304 X5CrNi 1810 - UNI 6900/71	
42	FILTER		
54	MOTOR CASING		
69	PUMP LINER		
92	FILTER COVER		
120	HANDLE	STAINLESS STEEL AISI 304 X5CrNi 1810 - UNI 6900/71 WITH INSULATING RUBBER COVER	

MODEL	VOLTAGE 50 Hz	ELECTRICAL DATA						HYDRAULIC DATA (N=2800 1/min)																
		P1 max W	P2 Nominal kW	HP	In A	CAPACITOR																		
						μ F	Vc	m ³ /h	0	3	6	9	12	15	18	21	23,5	28						
DRENAG 1000	1 x 220-240 V ~	1290	1	1,36	6	25	450	H (m)	15,3	13,7	12,1	10,5	8,7	6,8	4,7	2,4	0,5							
	3 x 400 V ~	1180	1	1,36	2,43	-	-		17	15,4	13,8	12,4	10,7	9	7,3	5,2	3,5	0,4						
DRENAG 1200	1 x 220-240 V ~	1850	1,2	1,6	7,5	30	450																	
	3 x 400 V ~	1650	1,2	1,6	3,24	-	-																	

DIMENSIONS AND WEIGHTS



MODEL	ØA	ØC	D	H	H1	Ø DNM	PACKAGING DIMENSIONS			VOLUME m ³	WEIGHT Kg
							L/A	L/B	H		
DRENAG 1000	215	175	71	413	385	1" ½ F	240	600	250	0,034	17
DRENAG 1200											18,5



PUMP PERFORMANCE

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