DAB Pump DIG 3700 - 5500 - 8500 - 11000

HEAVY DRAINAGE PUMPS

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HEAVY DREDGING ABRASIVE CLEAN AND GREY WATER

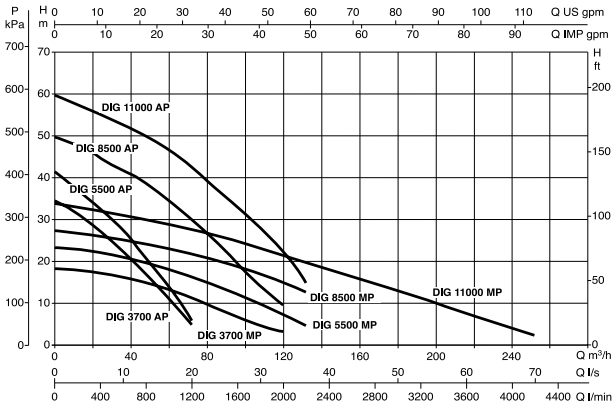
Submersible electric pumps particularly suitable for the removal of drainage water in construction sites, open mines or quarries. Thanks to their rugged construction and reliability, these pumps can be used with harsh and abrasive liquids containing solids with maximum dimensions of up to 10 mm. Open impeller in **CRA2 650 HB high-chromium cast iron,** outer sleeve in AISI 304 stainless steel, **double mechanical seal in** silicon carbide/silicon carbide on pump side and carbon/alumina on motor side. Suction screen in AISI 304 stainless steel. Pump body in EN GJL 200 cast iron clad internally with abrasion and wear resistant Nitrile rubber (NR). Dry-type asynchronous sealed motor, cooled by the pumped liquid. Rotor mounted on oversized greased sealed-for-life ball bearings to ensure silent running and long life. Overcurrent protection is set in the motor windings as standard. Constructed in compliance with CEI 2-3CEI 61-69 (EN 60335-2-41) standards.

Motor protection level: IP 68.
Insulation class: F.
Continuous duty, with completely immersed pump.
Facility for operation also with partially immersed pump.
Supplied as standard with 10 mt H07RN-F power cable.
Can be supplied on request with tear-proof cable featuring internal reinforcement with steel core.
Operating range: from 12 to 240 m^3/h with head up to 57 mt.
Liquid quality requirements: rain water, ground water, sandy work site water, and water in general also when contaminated with small abrasive particles.
Liquid temperature range: from 0° to 35°.
Maximum immersion depth: 10 mt.
Installation: fixed or portable in vertical position.
Free passage through the suction grid: 10 mm.

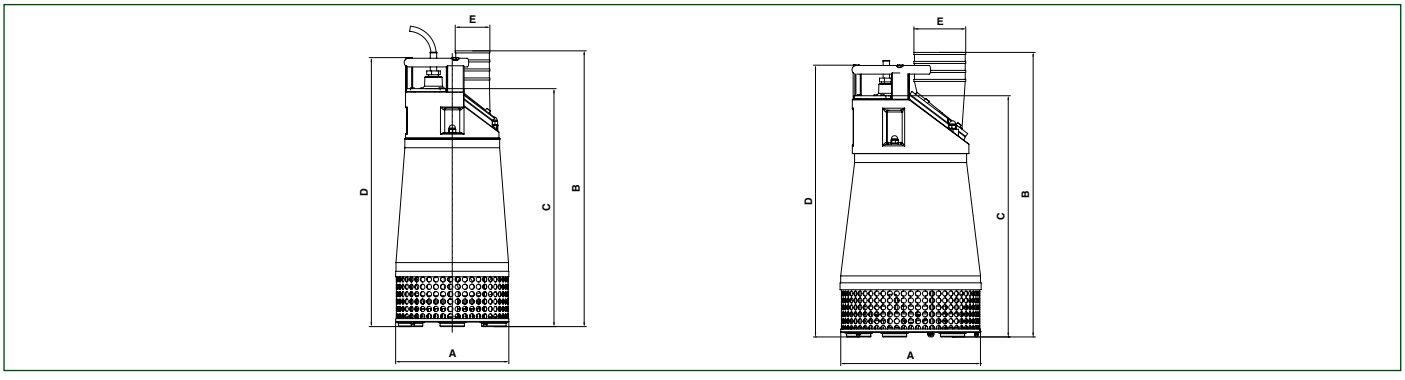
TECHNICAL DATA

MODEL	CODE	ELECTRICAL DATA				
		VOLTAGE 50 HZ	P1 MAX kW	P2 NOMINAL		In A
				kW	HP	
DIG 3700 AP T-NA	60141693	3X400 V~	4,4	3,7	5	7,7
DIG 3700 MP T-NA	60141695	3X400 V~	4,9	3,7	5	8,5
DIG 5500 AP T-NA	60141696	3X400 V~	6,8	5,5	7,5	12
DIG 5500 MP T-NA	60141697	3X400 V~	6,1	5,5	7,5	11
DIG 8500 AP T-NA	60141698	3X400 V~	11,5	8,5	11,4	18,5
DIG 8500 MP T-NA	60141699	3X400 V~	10,5	8,5	11,4	17
DIG 11000 AP T-NA	60141700	3X400 V~	16,1	11	15	26,5
DIG 11000 MP T-NA	60141701	3X400 V~	12,8	11	15	21,5

A= automatic with float NA= non automatic without float



DIMENSIONS AND WEIGHTS



MODEL	A	B	C	D	E DNM	FREE PASSAGE mm	WEIGHT KG
DIG 3700 AP T-NA	326	840	685	775	3"	10	90
DIG 3700 MP T-NA		794			4"	10	90
DIG 5500 AP T-NA		840			3"	10	96
DIG 5500 MP T-NA		794			4"	10	96
DIG 8500 AP T-NA	404	894	773	862	4"	10	150
DIG 8500 MP T-NA					6"	10	150
DIG 11000 AP T-NA					4"	10	165
DIG 11000 MP T-NA					6"	10	165

DAB PUMPS reserves the right to make modifications without notice