

DE-WATERING PUMP

▶ Application

- Sewage water pumping
- Sea water pumping
- Ships / Rigs dewatering
- Rain water dewatering

▶ Features

- Maximum Capacity : 1100 LPM
- Maximum Head : 36 Mtr.
- Impeller Type : Vortex
- Solids (soft) : 20 mm
- Max Temp. : 70° C
- Highly operational reliability.

DMC MODEL



▶ Technical Specification

MOTOR

- Supply : 3PH AC - 50/60Hz, 380 - 440 V
1PH AC, 50 Hz, 210 - 240 V
- Rated speed : 2800 RPM
- Power rating : 0.37 KW - 7.50 KW
- Two pole induction continuously rated motor with squirrel cage rotor and stator insulation F class.

POWER CABLE

- Waterproof / Oil proof PVC insulated double-sheathed copper conductor flexible cable

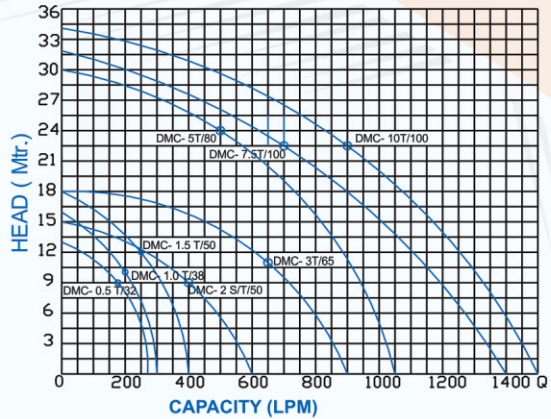
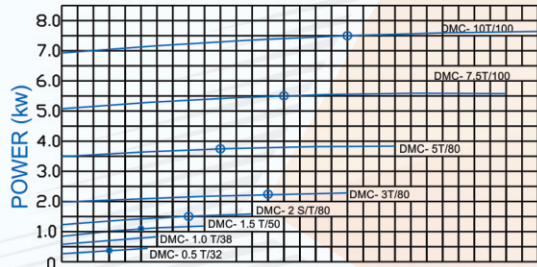
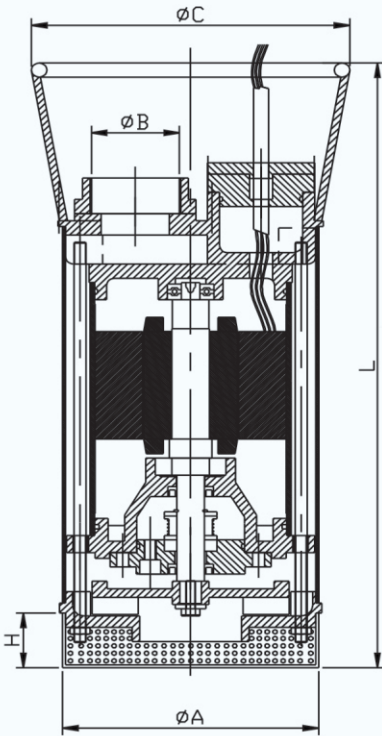
SHAFT SEAL

- Mechanical Seal : Ceramic vs Carbon / Tungsten vs Tungsten Carbide

MATERIAL OF CONSTRUCTION

- Pumps casting : Gr. Casting FG 200
- Impeller : SS 410
- Rotor shaft : SS 410
- Rubber part : Nitrile SHOR - A75 (+/- 5%)

Performance Curve



Product Range

PUMP TYPE	MOTOR 3Ø PHASE		DELI. SIZE	WEIGHT (APPX.) (W/O CABLE)	DISCHARGE IN LPM					Overall Dimension				
					80	175	200	250	350					
TYPE	H.P	K.W	MM.		Working Range					L	C	ØA	ØB	H
					HEAD IN METER									
DMC 0.5H 32 3Ph	0.50	0.37	32mm.	20 Kg	12	09	06	-	-	405	210	170	32	40
DMC 1H 38 3Ph	1.00	0.75	38mm.	25 Kg	14	12	10	07	-	420	210	170	38	40
DMC 1.5H 50 3Ph	1.50	1.12	50mm.	27 Kg	17	15	14	12	04	435	210	170	50	40

PUMP TYPE	MOTOR 3Ø PHASE		DELI. SIZE	WEIGHT (APPX.) (W/O CABLE)	DISCHARGE IN LPM							Overall Dimension				
					300	400	500	650	700	900	1100					
TYPE	H.P	K.W	MM.	KG.	Working Range							L	ØC	ØA	ØB	H
					HEAD IN METER											
DMC 2H 50 3PH	2.00	1.50	50mm.	35 Kg	12	09	06	-	-	-	-	550	210	170	50	80
DMC 2H 50 1Ph	2.00	1.50	50mm.	35 Kg	12	09	06	-	-	-	-	550	210	170	50	80
DMC 3H 65 3Ph	3.00	2.25	75mm.	40 Kg	17	15	14	11	09	00	-	610	255	190	65	80
DMC 6H 80 3Ph	6.00	4.50	100mm.	70 Kg	27	25	24	21	19	12	00	670	300	265	80	125
DMC 7.5H 100 3Ph	7.50	5.75	100mm.	80 Kg	29	28	26	24	22	18	10	705	300	265	100	125
DMC 10H 100 3Ph	10.0	7.50	100mm.	85 Kg	32	31	30	28	26	22	15	730	300	265	100	125

* Due to continuous product research & development specification may be change without any notice

Prakash Pumps

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