

DE-WATERING PUMP

▶ Application

The pumps are intended to be used for pumping water from :

- Construction Sites
- Mines
- Power Station
- Water Supply
- Flooded Cellar
- Open Sumps
- Shipyards & Ships
- Tunnels

▶ Features

- Maximum Capacity : 4000 LPM
- Maximum Head : 65 Mtr.
- Impeller Type : Vortex
- Solids (soft) : 25 mm
- Max Temp. : 70° C
- Highly operational reliability.

DMC MODEL



▶ Technical Specification

MOTOR

- Supply : 3PH AC - 50/60Hz, 380 - 440 V
- Rated Speed : 2800 RPM
- Power Rating : 11.25 KW - 26.25 KW
- Two pole induction continuously rated motors with squirrel cage rotor and stator insulation F class.

POWER CABLE

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

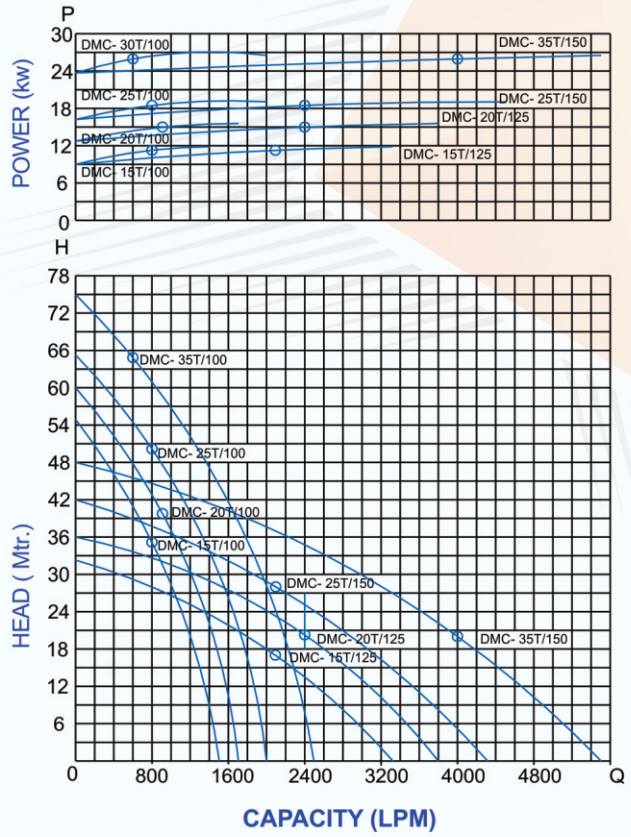
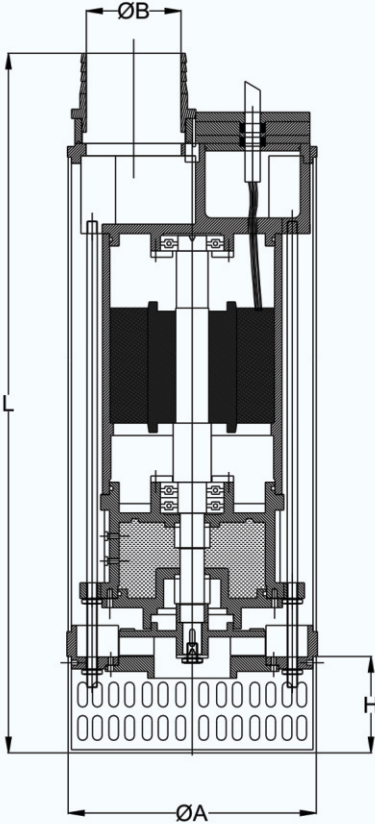
SHAFT SEAL

- 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			
					300	600	800	900	2100	2400	4000	5000				
TYPE	H.P	K.W	MM.	KG.	Working Range								L	ØA	ØB	H
					HEAD IN METER											
DMC 15H 100 3Ph	15.0	11.25	100mm.	200 Kg	49	41	35	32	-	-	-	-	1100	355	100	150
DMC 15H 125 3Ph	15.0	11.25	125mm.	200 Kg	31	29	28	27	17	14	-	-	1110	355	150	150
DMC 20H 100 3Ph	20.0	15.0	100mm.	230 Kg	54	48	42	40	-	-	-	-	1150	355	100	150
DMC 20H 100 3Ph	20.0	15.0	125mm.	230 Kg	35	34	33	32	23	20	-	-	1160	355	150	150
DMC 25H 100 3Ph	25.0	18.75	100mm.	290 Kg	60	54	50	48	-	-	-	-	1190	390	100	150
DMC 25H 150 3Ph	25.0	18.75	150mm.	290 Kg	41	39	38	37	28	25	05	-	1210	390	150	150
DMC 35H 100 3Ph	35.0	26.25	100mm.	320 Kg	70	65	61	59	24	08	-	-	1270	390	100	150
DMC 35H 150 3Ph	35.0	26.25	150mm.	320 Kg	47	46	45	44	37	35	20	07	1290	390	150	150

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

Prakash Pumps

J-29/30, 1st Phase, J type Area, GIDC,
Vapi - 396195, Gujarat, India.
info@figpumps.com

+91 26029 64267 | +91 94093 01772



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