

SUBMERSIBLE DE-WATERING PUMP



FEATURES

- Capacity : Upto 1100 LPM
- Head : Upto 36 Mtr.
- Impeller type : Vertex
- Solids : Upto 20 mm
- Max Temp : Upto 70 C
- Highly Operational Reliability.

APPLICATION

- Sewage Treatment Plant
- Sewage treatment plant
- Septic plant
- Collecting and Settling Sump
- Any where Drainage of Dirty water with rags mixed.

SPECIFICATION

MOTOR

- Two Pole induction continuous rated motor with Squirrel cage rotor and stator insulation Class F
- Rate Speed : 2800 RPM
- Power Rating : 0.75 KW/ 1.12 KW
- Three Phase AC -50 HZ ,380 to 440 volt

POWER CABLE

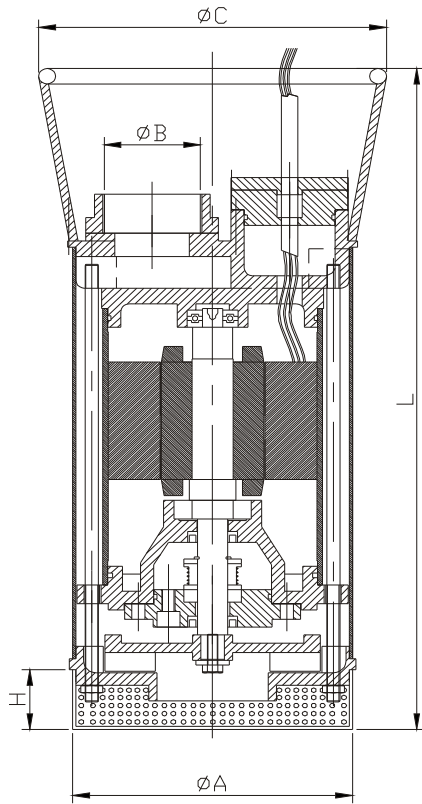
- Water proof / oil proof PVC insulated double sheathed copper conductor flexible cable.

SHAFT SEAL

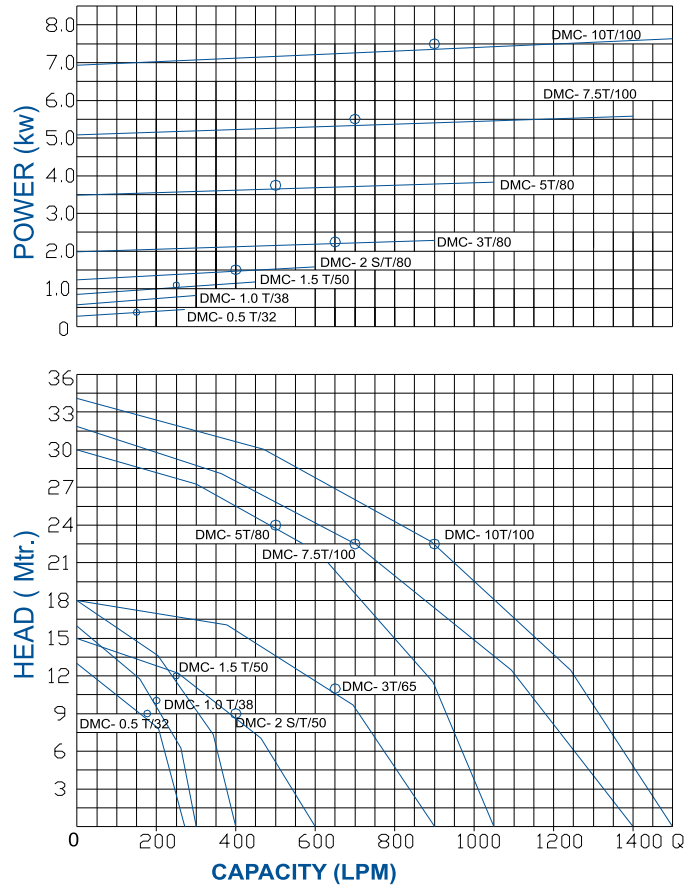
- Mechanical Seal : Ceramic Vs. Carbon / Tungsten Vs. Tungsten Carbide.

MATERIAL

- Pumps Casting - Graded Casting FG 200
- Impeller - SS 410
- Rotor Shaft - SS 410
- Rubber Part - Nitrile SHOR - A75 ($\pm 5\%$)



PERFORMANCE CURVE



PRODUCT RANGE

PUMP TYPE	MOTOR 1Ø & 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
DMC-0.50 / T	0.50	0.37	32mm.	20 Kg	12	09	06	-	-	405	210	170	32	40
DMC-1.00 / T	1.00	0.75	38mm.	25 Kg	14	12	10	07	-	420	210	170	38	40
DMC-1.50 / T	1.50	1.12	50mm.	27 Kg	17	15	14	12	04	435	210	170	50	40

PUMP TYPE	MOTOR 1Ø & 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
DMC- 2T/50	2.00	1.50	50mm.	35 Kg	12	09	06	-	-	-	-	550	210	170	50	80	
DMC- 2S/50	2.00	1.50	50mm.	35 Kg	12	09	06	-	-	-	-	550	210	170	50	80	
DMC- 3T/65	3.00	2.25	75mm.	40 Kg	17	15	14	11	09	00	-	610	255	190	65	80	
DMC- 5T/80	5.00	3.75	100mm.	70 Kg	27	25	24	21	19	12	00	670	300	265	80	125	
DMC-7.5 T/100	7.50	5.75	100mm.	80 Kg	29	28	26	24	22	18	10	705	300	265	100	125	
DMC- 10T/100	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



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