

DRAINAGE PUMP

▶ Application

- Municipality to clear clog from sewage drain.
- Mining industries to remove muddy water during excavation.
- Construction industries during piling work, boring work etc.
- ETP plants to transfer waste.
- STP plant to pump sewage.

▶ Features

- Lower in cost comparatively.
- Pump and motor are separated which reduces chances of seal damage of motor.
- Impeller is made of hard steel which reduces the wear.
- Pump is easy to disassemble and repair.

DME SUD MODEL



▶ Technical Specification

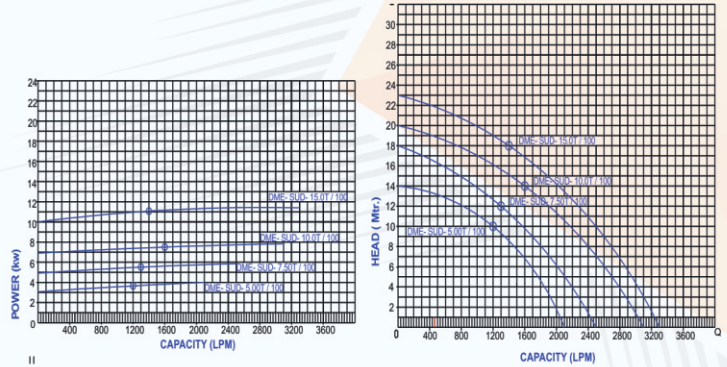
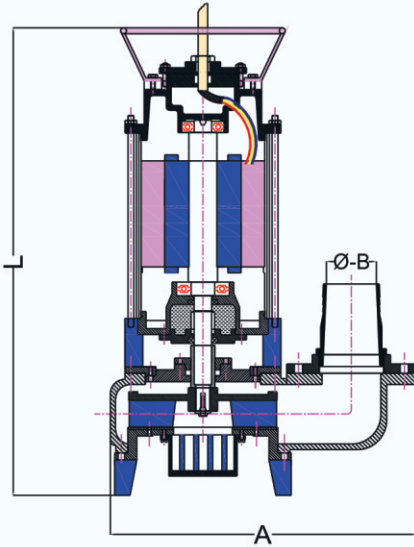
MOTOR

- Series DME SUD is a single-stage centrifugal pump with a semi-open impeller with an axial suction port and radial discharge and this is connected to the elbow making a side outlet with a standard pipe connection available.
- The motor is separated from the pump by an oil chamber housing. This gives delta series pumps an advantage over competitors. As seal life of the motor is not affected by the failure of the pump seal.
- This pump is made with simple, less sturdy parts.
- Motor is wound in F class DC wire to withstand high temperature capacity.
- Thermal overload sensor is fitted in stator core allowing penal cut-off and saving motor from mishandling.
- Jacketed pump are available for high temperature fluid.

MATERIAL OF CONSTRUCTION

- Motor sealing : SIC / SIC & nitrile rubber mechanical seal
- Pump sealing : Mixed braided carbon and Teflon gland seal
- Pump casing : STD. CI / SS 316 / SS 304 - As per requirement
- Impeller : STD. SS 410 / SS 316 / SS 304 - As per requirement
- Shaft : STD. SS 410

▶ Performance Curve



▶ Product Range

DME SUD SERIES	MOTOR		RATED CURRENT	DISCHARGE IN LPM								Overall Dimension			WEIGHT (APPX.)
				800	1200	1300	1400	1600	2000	2400	Working Range				
Model	H.P	K.W	AMP	HEAD IN METER								L	A	ØB	KG
DME SUD 5H 100 3Ph	5.00	3.70	10.0	12	10	09	08	07	01	-	760	520	100	135	
DME SUD 7.5H 100 3Ph	7.50	5.50	14.5	15	13	12	11	10	06	01	780	520	100	145	
DME SUD 10H 100 3Ph	10.0	7.50	19.0	18	17	16	15	14	11	08	820	520	100	155	
DME SUD 15H 100 3Ph	15.0	11.2	27.0	21	20	19	18	17	15	11	880	520	100	170	

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

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