

BATLIBOI

SELF PRIMING MUD / SEWAGE PUMP



APPLICATION :

- (1) Polluted liquids, Muddy Water, effluent or fresh water, can also be used for Sewage.
- (2) Dewatering Basements, Trenches, Swimming pools, Construction sites.
- (3) Onboard ship, as bilge, for deck wash & engine cooling.
- (4) Chemicals, Diesel, Petrol, Ash Water.
- (5) Tiles & Marble factories, effluent plants.
- (6) Any application where priming is to be avoided.

SALIENT FEATURE :

- (1) Self Priming Mechanism.
- (2) Quick priming of dirty water.
- (3) Can handle solids upto 23 mm depending on pump model / size.
- (4) Pump alone can be coupled to motor / engine.
- (5) Sturdy design.
- (6) BACK PULL OUT DESIGN : No need to open suction / discharge pipe for maintenance.
- (7) Monoblock / non monoblock option available.



PERFORMANCE TABLE (OUTPUT IN LPS)

MODEL	SIZE (MM)	TOTAL HEAD IN METERS												HP	RPM	DRIVE	SOLID SIZE(MM)
		6	8	10	12	14	15	18	20	24	25	26	28				
SDM-15	40 x 40	4.5	4.1	3.5	2.6	1.5	0.5	-	-	-	-	-	-	1.0	2850	Motor	7
SDM-16	40 x 40	-	-	6.3	5.6	4.8	4.4	2.8	1.1	-	-	-	-	2.0	2850	Motor	8.5
SDM-16	40 x 40	-	-	6.6	6.2	5.5	5.1	3.7	2.3	-	-	-	-	4.2	3000	Engine	8.5
SDM-17	50 x 50	-	-	-	8.7	8.1	7.7	6.4	5.5	2.6	-	-	-	3.0	2900	Motor	10.5
SDM-17	50 x 50	-	-	-	9.1	8.6	8.2	7.1	6.4	4.0	3.2	-	-	4.3	3000	Engine	10.5
SDM-18	80 x 80	19.6	18.7	18	16.2	14	12.1	5.2	-	-	-	-	-	5.0	1450	Motor	15.5
SDM-18	80 x 80	20.1	19.8	19	17.5	15.6	14.1	8.6	3.4	-	-	-	-	5.0	1500	Engine	15.5
SDM-18	80 x 80	-	-	24	23.2	22.8	22.5	20.7	18.9	13.7	11.9	10.1	6.0	10.0	1800	Engine	15.5
SDM-23	100 x 100	-	-	36	33.8	31.2	30	25.5	22.5	12.1	-	-	-	10.0	1450	Motor	16.5
SDM-23S	100 x 100	-	-	41	39.5	36.5	35.3	30	26	16.5	13.2	10	-	12.5	1450	Motor	23

- Note** :
- ☐ Due to Continuous improvement in Product, the data is Subject to change without prior Notice.
 - ☐ Above Mentioned discharge is for clear cold fresh water .
 - ☐ For slurry application, one higher size HP motor should be used.
 - ☐ For SDM23 / SDM 23S Same performance available with Engine.
 - ☐ For all Pumps, impellers are semi-open type except SDM23/SDM 23S Which is open type.
 - ☐ Monoblock versions are 3 Phase 380 / 440v, 50Hz in "A" class insulation, upto 5-0 HP
 - ☐ Model shall have suffix M for Monoblocks.

CONSTRUCTION

- Casing : Cast iron, Heavy duty, built in volute, integrally cast with base frame.
- Stuffing Box : Cast iron, Deep gland box with graphite packing. Packing lubricated by lantern ring.
- Bearing : Antrification, Single Row, Deep grooved.
- Impeller : Cast Iron, Non Cloging, Open / Semi open, hand finished.
- Shaft Sleeve : SS-410.
- Flangs : CI Flanged.



Batliboi Ltd.

