

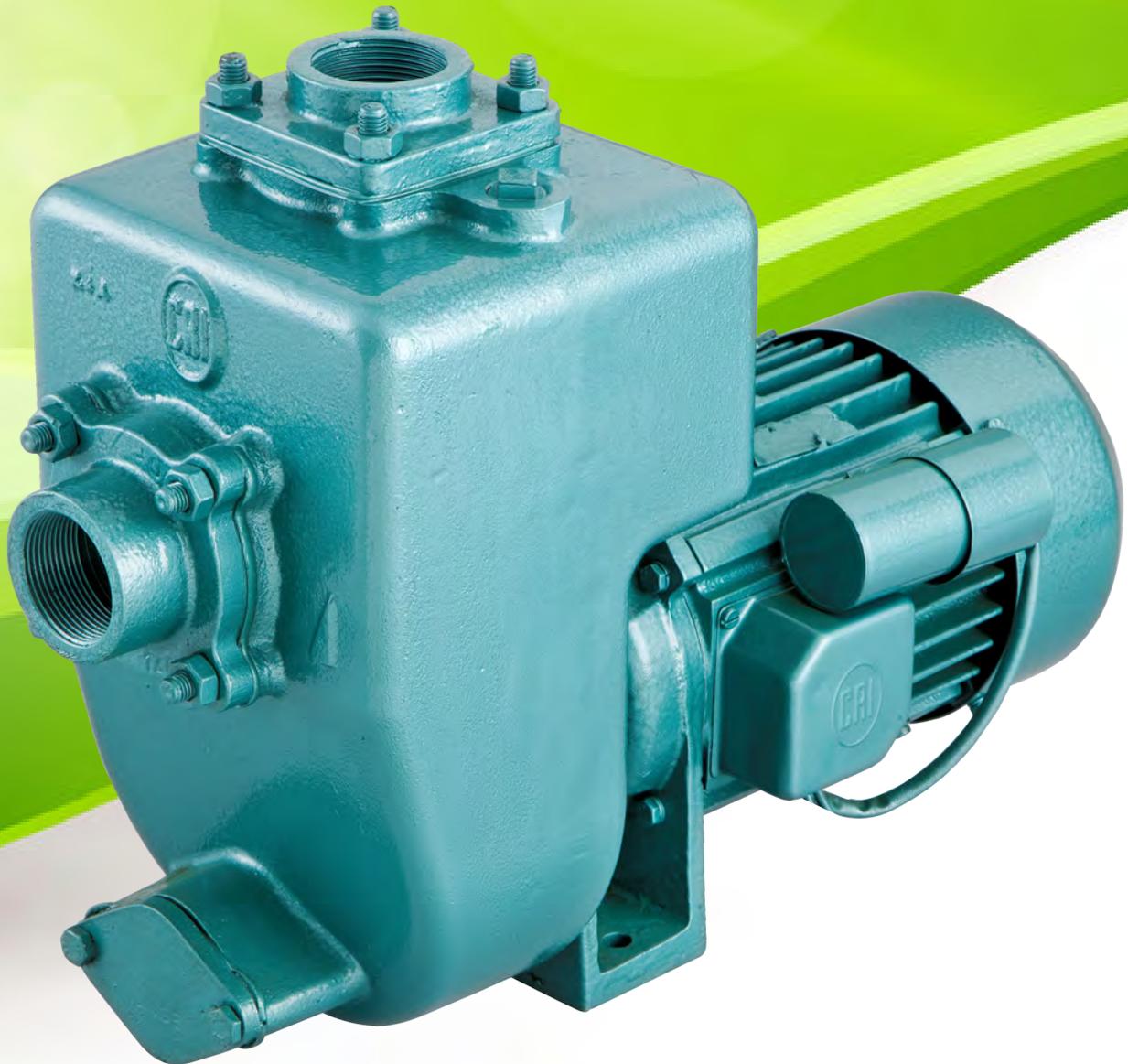


C.R.I. PUMPS

Pumping trust. Worldwide.

SELFPRIMING NON-CLOG MONOBLOCK PUMPS

SMB SERIES



MAKE A CLEAN JOB OF IT

C.R.I. PUMPS • PIPES • WIRES & CABLES • SOLAR



Selfpriming Non-Clog Monoblock Pumps

SMB Series

C.R.I. "SMB Series" Self-priming non-Clog Monoblock Pump's are especially designed to dewater the sewage and sludges from trenches and pits. It is designed with non-clogging semi open type impellers which is supports for handling suspended solids. These pumps are powered by a totally enclosed fan cooled A.C. induction motor. Motor stator is made of low watt loss silicon steel laminations assembled under pressure and rigidly locked in the frame. Construction of motor frames and usage of quality materials result in high performance and low temperature rise thereby increasing the life cycle of the motor.

Applications :

- Pumping from Septic tanks in all types of Industries.
- Draining sewage / Rain water from hotels, malls & commercial buildings.
- Water recycling plants.
- Pumping waste water in Tunnels & Mines.

Salient Features :

- Non clogging impellers ensures free flow of solids.
- Solid Handling capacity upto 8.5mm.
- Quick automatic Self-priming function-no need for footvalve.
- Back-pull out type for easy maintenance.
- Efficient pumps with more energy savings.

Specifications :

Power range	0.75kW - 3.75kW (1HP - 5HP)
Speed	2880 RPM
Versions	Single Phase 200-240V, 50Hz, A.C. Supply Three Phase 380-415V, 50Hz, A.C. Supply
Maximum total head	24 meter
Maximum flow rate	1050 lpm
Type of Duty	S1 (Continuous)
Sealing	SMB 140 Mechanical seal arrangement SMB 240,350 & 580 Stuffing box arrangement

Performance Chart :

PUMP MODEL	kW	HP	rpm	PIPE SIZE IN mm (S X D)	TOTAL HEAD IN METRES / FEET										SOLID HANDLING SIZE IN mm
					6	8	10	12	14	16	18	20	22	24	
					19.5	26	33	39	46	52.5	59	65.5	72	78	
DISCHARGE IN LITRES PER MINUTE															
SMB-140 / T/SMB-140	0.75	1.0	2880	40 x 40	270	240	198	144	96						7.0
SMB-240 / T/SMB-240	1.5	2.0	2880	40 x 40			336	300	246	180	84				8.5
T/SMB-350	2.2	3.0	2880	50 x 50			510	480	444	390	324	252	168	60	10.5
T/SMB-580	3.7	5.0	1440	80 x 80			1050	930	750	480	204				15.5

NOTE : Performance applicable to liquid of specific gravity 1.02 and viscosity as of water.