

Product Catalog

Self-Priming Monoblock "SMM" Series



**WEL-TECH EQUIPMENTS PVT
LTD**

Centrifugal Process Pumps

Technical Specification

Max Capacity	75 m ³ /hr
Max Head	35 m
Sealing	Mechanical Seal Fitted
Temperature	Upto 70°C
Material	CI, SS-304, SS-316, SS-316L, Alloy 20, Bronze
Speed	2900 RPM
Rated Voltage	240/415

Model No.	Size (mm)	Impeller (mm)	Capacity in m ³ /hr / Head in m								kW / HP / RPM	Phase
SMM 32-110	32*32	110	11.16/6	9.36/8	7.56/10	4.32/2					0.37 / 0.5 / 2900	Single / Three
SMM 32-100	32*32	110	3/15.2	6/13.7	9/11.5	12/9					0.75 / 1 / 2900	Three
SMM 40-110	40*40	110	3/16.3	6/15.2	9/14.2	12/13	15/11.6	18/10			1.10 / 1.5 / 2900	Three
SMM 50-120A	50*50	120	3/20	6/19	9/17.8	12/16.5	15/15.4	18/14	24/10.2		1.5 / 2 / 2900	Three
SMM 50-120	50*50	120	6/19.8	9/18.9	12/18	15/17.1	18/16.1	24/13.7	30/10.3		2.2 / 3 / 2900	Three
SMM 32-160	32*32	160	3/32	6/28.5	9/24.3	12/19.2	15/10				2.2 / 3 / 2900	Three
SMM 65-120	65*65	120	12/19.2	15/18.5	18/18	24/16.7	30/15.5	36/14.4	45/12	60/4	3.7 / 5 / 2900	Three
SMM 80-140	80*80	140	15/22.5	18/22	24/21	30/20.5	36/19.8	45/18.5	60/15	75/10.2	5.5 / 7.5 / 2900	Three
SMM 65-150	65*65	150	12/29	15/28	18/27	24/25	30/23	36/20.8	45/16		5.5 / 7.5 / 2900	Three
SMM 65-160	65*65	160	12/35	15/34.5	18/34	24/32.4	30/31	36/29	45/22.5		5.5 / 7.5 / 2900	Three

MATERIAL OF CONSTRUCTION

- Impeller: Cast Iron / Stainless Steel / Bronze
- Motor Body: Cast Iron
- Delivery Casing: Cast Iron
- Shaft: Carbon Steel / Stainless Steel
- Sealing: Mechanical Seal

APPLICATION

- Handling Chemicals
- Dewatering Foundation
- Flood Water Handling
- Pumping water from doscks, ports, vessel
- Dewatering from basements, multi-storeys, shopping malls, godowns
- Cooling water for marine engines and shovels
- Package STPs & ETPs

FEATURES

- Self-Priming
- Non Clog Impeller
- Flatter Efficiency Curve
- Designed to Prevent Overloading
- Dynamically Balanced Rotating Parts
- Replaceable Wearing Parts
- Easy Maintainable Designs

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