

# Centrifugal Monoblock Pump Set

## SCB Series



### Range :

Capacity : Upto 78 M3/Hr.

Head : Upto 36 Mtr.

Size : Upto 4"

### Applications :

- Water supply for Residential Bungalows, Apartments, Flats, Garages, Hospitals, Lanudries etc.
- Farms, Gardens, Fountain, Lawn, Sprinklers etc.
- Booster application.

### Features :

- Pump The over all efficiency is higher due to high hydraulic design.
- The volute casing, Impeller, Adopter are manufactured and machined very precisely with smooth surface finish resulting in low friction losses
- The pumps are designed with a very low NPSHR result in high suction lift.
- High quality mechanical seals are used to ensure effective shaft sealing against leakage of water.
- All the rotating parts are dynamically balanced resultantly less vibrations, low noise level and long life of components.
- Replaceable wearing parts.
- High Temp. Grease lubricated antifriction ball bearings are used for longer life.

## CENTRIFUGAL MONOBLOCK PUMP

### STANDARD MOC AVAILABLE IN DEFFERENT TYPE

Pump Type	Pump Housing	Impeller	Adoptor	Shaft	Mech.Seal
AM-1	Cast Iron	Cast Iron	Cast Iron	EN-8	Carbon Vs Ceramic with NBR
BM-1	CF8M(SS316)	CF8M(SS316)	CF8M(SS316)	SS 316	Carbon Vs Ceramic with NBR
CM-1	CF8(SS304)	CF8(SS304)	CF8(SS304)	SS 304	Carbon Vs Ceramic with NBR
EM-1	Cast Iron	CF8M(SS316)	Cast Iron	SS 316	Carbon Vs Ceramic with NBR
FM-1	Cast Iron	CF8(SS304)	Cast Iron	SS 304	Carbon Vs Ceramic with NBR
AM-2	Cast Iron	Cast Iron	Cast Iron	SS 304	Carbon VS Ceramic with Viton
BM-2	CF8M(SS316)	CF8M(SS316)	CF8M(SS316)	SS 316	Carbon VS Ceramic with Viton
EM-2	Cast Iron	CF8M(SS316)	Cast Iron	SS 316	Carbon VS Ceramic with Viton
FM-2	Cast Iron	CF8(SS304)	Cast Iron	SS 304	Carbon VS Ceramic with Viton

**Note : For any other material combinations, please contact us.**

### PERFORMANCE TABLE

Model	K.W.	H.P.	Size Suc.xDis. MM	Head in Meters.																			
				Discharge in M3 / Hr.																			
				4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42
SCB 302 D#	0.37	0.5	25 x 25	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42
SCB 302 D 1#	0.37	0.5	25 x 25	4	6	8	10	12	14	16	18	20	22	23	26	28	30	32	34	36	38	40	42
SCB 302 ED#	0.37	0.5	32 x 25	4	6	8	10	12	14	16	18	20	21	24	26	28	30	32	34	36	38	40	42
SCB 302 F#	0.37	0.5	40 x 40	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42
SCB 302 F 1#	0.37	0.5	40 x 40	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42
SCB 304 ED#	0.75	1.0	32 x 25	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42
SCB 304 D#	0.75	1.0	25 x 25	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42
SCB 304 F#	0.75	1.0	40 x 40	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42
SCB 304 G#	0.75	1.0	50 x 50	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42
SCB 304 I#	0.75	1.0	75 x 75	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42
SCB 305 D#	1.10	1.5	25 x 25	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42
SCB 305 F#	1.10	1.5	40 x 40	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42
SCB 305 HG#	1.10	1.5	65 x 50	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42
SCB 305 I#	1.10	1.5	75 x 75	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42
SCB 306 D#	1.50	2.0	25 x 25	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	33.5	36	38	40	42
SCB 306 F#	1.50	2.0	40 x 40	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	33.5	36	38	40	42
SCB 306 G#	1.50	2.0	50 x 50	4	6	8	10	12	14	16	18	20	22.5	23.2	26	28	30	32	34	36	38	40	42
SCB 306 I#	1.50	2.0	75 x 75	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42
SCB 306 J#	1.50	2.0	100 x 100	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42
SCB 307 IH#	2.20	3.0	75 x 65	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42
SCB 307 G#	2.20	3.0	50 x 50	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	35.5	38	40	42

• Single Phase 230V +/- 10%, 50Hz, 2880 RPM • Three Phase 415V +/- 10%, 50Hz, 2880 RPM



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