



### SPECIFICATIONS

Power Range	2.2 kW to 11 kW (3.0 HP to 15 HP)
Speed	2800 RPM
Version : Single Phase 180V to 230V, Three Phase 350 to 415V, 50Hz AC Supply. (Single Phase Available in 3.0 HP to 5.0 HP)	
Maximum Total Head	60 Mtr. to 400 Mtr.
Maximum Flow Rate	670 LPM to 40 LPM
Nominal Outlet size in inches	1.50 & 2.00 Inches
Degree of Protection	IP 58
Maximum outer Diameter in mm	Suitable for 125 mm bore
Direction of Rotation	Counter clockwise from driving end -1 Ph, Electrically Reversible -3 Ph
Mini. Cooling flow along the motor	0.15 m/sec.
Type of Duty	S1 (Continues)
Method of Starting	1ph-Capacitor Start Capacitor Run (CSCR) up to 2.2 kW, 3ph Direct Online (D.O.L.) up to 5.5 kW, Star Delta (SD) up to 9.3 kW
Maximum Starts per hour	10 times

### FEATURES

- High Operating efficiency ● Precise part for hygiene, Highly durable Extremely hardwearing water lubricated bushes. ● Good resistance to sand ● Water cooled rewindable motor Can be easily dismantled and repaired Can handle up thrust loads.
- Unique SINGLE PIECE STAINLESS STEEL MOTOR BODY design - More strength. Designed for wide voltage fluctuations.

### APPLICATIONS

- Residence
- Small Farms
- Hotels
- Fire Fighting
- Pressure Boosting
- Small Industries
- Gardens and Fountains
- Civil water supply

### PUMPED LIQUIDS

Clean, thin, non-aggressive, non-explosive, clear cold, fresh water without solid particles or fibre.

### MOTOR

MOTOR		PUMP	
Motor Shaft	: Stainless Steel AISI 410	Bowl & Impeller	: SS 304 Bowl, SS 410 Impeller
Motor Body Pipe	: Stainless Steel AISI 202	Impeller	: SS 304/CI FG:200, SS410
Casting Part	: CI FG:200	Suction& NRV	: CI FG:200
Thrust Bearing	: Carbon v/s S.S.	Pump Shaft	: Stainless Steel AISI 410
Motor Bush	: LTB-4	Pump casing	: Stainless Steel AISI 202
Stamping	: Electrical Steel	All Hardware	: Stainless Steel
Copper	: EC Grade 99.9%	Pump Bush	: NBR / LTB4
Winding Wire	: Multilayer Polyester Insu.	Pump Sleeve /	
Oil Seal	: NBR	Coupling	: SS-410

**V-5  
SS****SUBMERSIBLE PUMPSET**

Pump Type	Group	Bowl & Impeller	Version	Volt	Outer Diameter	Suitable for
V5 SS	Radial Flow	SS 304 Bowl SS 410 Impeller	Single Phase Three Phase	220 Volt 50Hz 415 Volt 50Hz	Motor - 122 mm Pump - 125 mm	125 mm Borewell

Max. Head Per Stage : **40 Feet**

FM5-30SS	DISCHARGE IN L.P.M.					0	60	80	95	105	115	125	150
	Sr.	Model	H.P.	STG	Del in Inch	Total Head in Meters							
	1	FM530SS-3010	3.00	10	1.50"	122	110	100	90	80	70	60	40
2	FM530SS-4013	4.00	13	1.50"	159	143	130	117	104	91	77	52	
3	FM530SS-5016	5.00	16	1.50"	195	176	160	144	128	112	96	64	
4	FM530SS-6020	6.00	20	1.50"	244	220	200	180	160	140	120	80	
5	FM530SS-7525	7.50	25	1.50"	305	275	250	225	200	175	150	100	
6	FM530SS-10033	10.00	33	1.50"	403	363	330	297	264	231	198	132	

Max. Head Per Stage : **40 Feet**

FM5-40SS	DISCHARGE IN L.P.M.					0	80	100	115	130	140	150	180
	Sr.	Model	H.P.	STG	Del in Inch	Total Head in Meters							
	1	FM540SS-3007	3.00	7	1.50"	85	77	70	63	56	49	42	28
2	FM540SS-4010	4.00	10	1.50"	122	110	100	90	80	70	60	40	
3	FM540SS-5012	5.00	12	1.50"	146	132	120	108	96	84	72	48	
4	FM540SS-6015	6.00	15	1.50"	183	165	150	135	120	105	90	60	
5	FM540SS-7519	7.50	19	1.50"	232	209	190	171	152	133	114	76	
6	FM540SS-10025	10.00	25	1.50"	305	275	250	225	200	175	150	100	

Max. Head Per Stage : **40 Feet**

FM5-50SS	DISCHARGE IN L.P.M.					0	80	120	155	185	205	230	260
	Sr.	Model	H.P.	STG	Del in Inch	Total Head in Meters							
	1	FM550SS-3006	3.00	6	2.00"	73	66	60	54	48	42	36	24
2	FM550SS-4008	4.00	8	2.00"	98	88	80	72	64	56	48	32	
3	FM550SS-5010	5.00	10	2.00"	122	110	100	90	80	70	60	40	
4	FM550SS-6012	6.00	12	2.00"	146	132	120	108	96	84	72	48	
5	FM550SS-7515	7.50	15	2.00"	183	165	150	135	120	105	90	60	
6	FM550SS-10020	10.00	20	2.00"	244	220	200	180	160	140	120	80	

Note : 3, 4 &amp; 5 HP Pumpset also available in Single Phase

**V-5  
SS****SUBMERSIBLE PUMPSET**

Pump Type	Group	Bowl & Impeller	Version	Volt	Outer Diameter	Suitable for
V5 SS	Radial Flow	SS 304 Bowl SS 410 Impeller	Single Phase Three Phase	220 Volt 50Hz 415 Volt 50Hz	Motor - 122 mm Pump - 125 mm	125 mm Borewell

Max. Head Per Stage : **40 Feet**

FM5-60SS	DISCHARGE IN L.P.M.					0	95	135	175	205	230	250	280
	Sr.	Model	H.P.	STG	Del in Inch	Total Head in Meters							
	1	FM560SS-3005	3.00	5	2.00"	61	55	50	45	40	35	30	20
2	FM560SS-4006	4.00	6	2.00"	73	66	60	54	48	42	36	24	
3	FM560SS-5008	5.00	8	2.00"	98	88	80	72	64	56	48	32	
4	FM560SS-6010	6.00	10	2.00"	122	110	100	90	80	70	60	40	
5	FM560SS-7512	7.50	12	2.00"	146	132	120	108	96	84	72	48	
6	FM560SS-10016	10.00	16	2.00"	195	176	160	144	128	112	96	64	

Max. Head Per Stage : **40 Feet**

FM5-80SS	DISCHARGE IN L.P.M.					0	130	170	215	255	290	325	360
	Sr.	Model	H.P.	STG	Del in Inch	Total Head in Meters							
	1	FM580SS-3004	3.00	4	2.00"	49	44	40	36	32	28	24	16
2	FM580SS-4005	4.00	5	2.00"	61	55	50	45	40	35	30	20	
3	FM580SS-5006	5.00	6	2.00"	73	66	60	54	48	42	36	24	
4	FM580SS-6008	6.00	8	2.00"	98	88	80	72	64	56	48	32	
5	FM580SS-7510	7.50	10	2.00"	122	110	100	90	80	70	60	40	
6	FM580SS-10012	10.00	12	2.00"	146	132	120	108	96	84	72	48	

Max. Head Per Stage : **40 Feet**

FM5-100SS	DISCHARGE IN L.P.M.					0	160	210	240	280	300	350	400
	Sr.	Model	H.P.	STG	Del in Inch	Total Head in Meters							
	1	FM5100SS-3003	3.00	3	2.00"	37	33	30	27	24	21	18	12
2	FM5100SS-4004	4.00	4	2.00"	49	44	40	36	32	28	24	16	
3	FM5100SS-5005	5.00	5	2.00"	61	55	50	45	40	35	30	20	
4	FM5100SS-6006	6.00	6	2.00"	73	66	60	54	48	42	36	24	
5	FM5100SS-7508	7.50	8	2.00"	98	88	80	72	64	56	48	32	
6	FM5100SS-10010	10.00	10	2.00"	122	110	100	90	80	70	60	40	

Note : 3, 4 &amp; 5 HP Pumpset also available in Single Phase