



**V-6
SS**

TURBO SUBMERSIBLE PUMPSET



SPECIFICATIONS

Power Range	2.2 kW to 22 kW (3.0 HP to 30 HP)
Speed	2800 RPM
Version	Three Phase 350V to 415V, 50Hz AC Supply.
Maximum Total Head	35 Mtr. to 790 Mtr.
Maximum Flow Rate	1350 LPM to 65 LPM
Nominal Outlet size in inches	2.00 & 2.50 Inches
Degree of Protection	IP 58
Maximum outer Diameter in mm	Suitable for 150mm bore
Direction of Rotation	Electrically Reversible -3 ph
Mini. Cooling flow along the motor	0.15 m/sec.
Type of Duty	S1 (Continues)
Method of Starting	3 Ph Direct Online (D.O.L.) up to 5.5 kW, Star Delta (SD) up to 22.5 kW
Maximum Starts per hour	10 times

FEATURES

- SS-304 stainless steel stage casings impellers in radial flow pumps.
- 50 Feet head per stage in specific models.
- Dynamically balanced rotating parts.
- CFD designed stage casings and impellers.
- 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 Shaft	: Stainless Steel AISI 410
Motor Body Pipe	: Stainless Steel AISI 202
Casting Part	: CI FG:200
Thrust Bearing	: Carbon v/s S.S., Silicon Carbide
Motor Bush	: LTB-4
Stamping	: Electrical Steel
Copper	: EC Grade 99.9%
Winding Wire	: Multilayer Polyester Insu.
Oil Seal	: NBR

PUMP

Bowl	: SS 304/CI FG:200
Impeller	: SS 304, SS 410
Suction& NRV	: CI FG:200
Pump Shaft	: Stainless Steel AISI 410
All Hardware	: Stainless Steel
Pump Bush	: NBR / LTB4
Pump Sleeve / Coupling	: SS-410



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Pump Type	Group	Bowl & Impeller	Version	Volt	Outer Diameter	Suitable for
V6 SS TURBO	Radial Flow	S.S. 304 Bowl S.S. 410 Impeller	Single Phase Three Phase	220 Volt 50Hz 415 Volt 50Hz	Motor - 142 mm Pump - 142 mm	150 mm Borewell

Max. Head Per Stage : 50 Feet

FM6-50SS TURBO	DISCHARGE IN L.P.M.				0	50	65	95	120	130	145	170	190
	Sr.	Model	H.P.	STG	Del in Inch	Total Head in Meters							
	1	FM650TSS-3006	3.00	6	2.00"	95	91	84	78	72	66	60	48
2	FM650TSS-4008	4.00	8	2.00"	126	122	112	104	96	88	80	64	48
3	FM650TSS-5010	5.00	10	2.00"	158	152	140	130	120	110	100	80	60
4	FM650TSS-6012	6.00	12	2.00"	189	183	168	156	144	132	120	96	72
5	FM650TSS-7515	7.50	15	2.00"	236	229	210	195	180	165	150	120	90
6	FM650TSS-10020	10.00	20	2.00"	315	305	280	260	240	220	200	160	120
7	FM650TSS-12525	12.50	25	2.00"	394	381	350	325	300	275	250	200	150
8	FM650TSS-15030	15.00	30	2.00"	473	457	420	390	360	330	300	240	180

Max. Head Per Stage : 50 Feet

FM6-60SS TURBO	DISCHARGE IN L.P.M.				0	60	110	135	160	175	190	215	235
	Sr.	Model	H.P.	STG	Del in Inch	Total Head in Meters							
	1	FM660TSS-3005	3.00	5	2.00"	82	76	70	65	60	55	50	40
2	FM660TSS-4007	4.00	7	2.00"	112	107	98	91	84	77	70	56	42
3	FM660TSS-5008	5.00	8	2.00"	127	122	112	104	96	88	80	64	48
4	FM660TSS-6010	6.00	10	2.00"	158	152	140	130	120	110	100	80	60
5	FM660TSS-7512	7.50	12	2.00"	189	183	168	156	144	132	120	96	72
6	FM660TSS-10016	10.00	16	2.00"	252	244	224	208	192	176	160	128	96
7	FM660TSS-12520	12.50	20	2.00"	314	305	280	260	240	220	200	160	120
8	FM660TSS-15025	15.00	25	2.00"	392	380	350	325	300	275	250	200	150
9	FM660TSS-17530	17.50	30	2.00"	470	456	420	390	360	330	300	240	180

Max. Head Per Stage : 50 Feet

FM6-80SS TURBO	DISCHARGE IN L.P.M.				0	90	120	165	195	220	240	280	310
	Sr.	Model	H.P.	STG	Del in Inch	Total Head in Meters							
	1	FM680TSS-3004	3.00	4	2.00"	64	61	56	52	48	44	40	32
2	FM680TSS-4005	4.00	5	2.00"	80	76	70	65	60	55	50	40	30
3	FM680TSS-5006	5.00	6	2.00"	96	91	84	78	72	66	60	48	36
4	FM680TSS-6008	6.00	8	2.00"	128	122	112	104	96	88	80	64	48
5	FM680TSS-7510	7.50	10	2.00"	160	152	140	130	120	110	100	80	60
6	FM680TSS-10012	10.00	12	2.00"	192	183	168	156	144	132	120	96	72
7	FM680TSS-12515	12.50	15	2.00"	240	229	210	195	180	165	150	120	90
8	FM680TSS-15018	15.00	18	2.00"	288	274	252	234	216	198	180	144	108
9	FM680TSS-17521	17.50	21	2.00"	336	320	294	273	252	231	210	168	126
10	FM680TSS-20025	20.00	25	2.00"	400	380	350	325	300	275	250	200	150
11	FM680TSS-25031	25.00	31	2.00"	496	471	434	403	372	341	310	248	186





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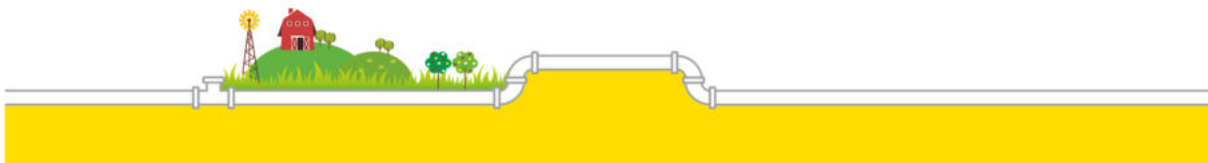
Pump Type	Group	Bowl & Impeller	Version	Volt	Outer Diameter	Suitable for
V6 SS TURBO	Radial Flow	S.S. 304 Bowl S.S. 410 Impeller	Single Phase Three Phase	220 Volt 50Hz 415 Volt 50Hz	Motor - 142 mm Pump - 142 mm	150 mm Borewell

Max. Head Per Stage : 50 Feet

FM6100SS TURBO	DISCHARGE IN L.P.M.				0	150	205	235	260	290	320	355	380
	Sr.	Model	H.P.	STG	Del in Inch	Total Head in Meters							
	1	FM6100TSS-3003	3.00	3	2.00"	50	46	42	39	36	33	30	24
2	FM6100TSS-4004	4.00	4	2.00"	67	61	56	52	48	44	40	32	24
3	FM6100TSS-5005	5.00	5	2.00"	84	76	70	65	60	55	50	40	30
4	FM6100TSS-6006	6.00	6	2.00"	100	91	84	78	72	66	60	48	36
5	FM6100TSS-7508	7.50	8	2.00"	134	122	112	104	96	88	80	64	48
6	FM6100TSS-10010	10.00	10	2.00"	168	152	140	130	120	110	100	80	60
7	FM6100TSS-12513	12.50	13	2.00"	218	198	182	169	156	143	130	104	78
8	FM6100TSS-15015	15.00	15	2.00"	251	229	210	195	180	165	150	120	90
9	FM6100TSS-17518	17.50	18	2.00"	301	274	252	234	216	198	180	144	108
10	FM6100TSS-20020	20.00	20	2.00"	335	305	280	260	240	220	200	160	120
11	FM6100TSS-25025	25.00	25	2.00"	418	381	350	325	300	275	250	200	150
12	FM6100TSS-30030	30.00	30	2.00"	502	457	420	390	360	330	300	240	180

Max. Head Per Stage : 50 Feet

FM6125SS TURBO	DISCHARGE IN L.P.M.				0	200	270	310	350	390	430	475	520
	Sr.	Model	H.P.	STG	Del in Inch	Total Head in Meters							
	1	FM6125TSS-4003	4.00	3	2.50"	50	46	42	39	36	33	30	24
2	FM6125TSS-5004	5.00	4	2.50"	66	61	56	52	48	44	40	32	24
3	FM6125TSS-6005	6.00	5	2.50"	83	76	70	65	60	55	50	40	30
4	FM6125TSS-7506	7.50	6	2.50"	99	91	84	78	72	66	60	48	36
5	FM6125TSS-10008	10.00	8	2.50"	132	122	112	104	96	88	80	64	48
6	FM6125TSS-12510	12.50	10	2.50"	165	152	140	130	120	110	100	80	60
7	FM6125TSS-15012	15.00	12	2.50"	198	183	168	156	144	132	120	96	72
8	FM6125TSS-17514	17.50	14	2.50"	231	214	196	182	168	154	140	112	84
9	FM6125TSS-20016	20.00	16	2.50"	264	244	224	208	192	176	160	128	96
10	FM6125TSS-25020	25.00	20	2.50"	330	305	280	260	240	220	200	160	120
11	FM6125TSS-30024	30.00	24	2.50"	396	366	336	312	288	264	240	192	144



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V6 SS TURBO	Radial Flow	S.S. 304 Bowl S.S. 410 Impeller	Single Phase Three Phase	220 Volt 50Hz 415 Volt 50Hz	Motor - 142 mm Pump - 142 mm	150 mm Borewell

Max. Head Per Stage : 50 Feet

FM6150SS TURBO	DISCHARGE IN L.P.M.				0	240	325	370	405	430	460	490	525
	Sr.	Model	H.P.	STG	Del in Inch	Total Head in Meters							
	1	FM6150TSS-3002	3.00	2	2.50"	34	30	28	26	24	22	20	16
2	FM6150TSS-5003	5.00	3	2.50"	50	46	42	39	36	33	30	24	18
3	FM6150TSS-6004	6.00	4	2.50"	67	61	56	52	48	44	40	32	24
4	FM6150TSS-7505	7.50	5	2.50"	84	76	70	65	60	55	50	40	30
5	FM6150TSS-10007	10.00	7	2.50"	117	107	98	91	84	77	70	56	42
6	FM6150TSS-12508	12.50	8	2.50"	134	122	112	104	96	88	80	64	48
7	FM6150TSS-15010	15.00	10	2.50"	168	152	140	130	120	110	100	80	60
8	FM6150TSS-17512	17.50	12	2.50"	202	183	168	156	144	132	120	96	72
9	FM6150TSS-20013	20.00	13	2.50"	219	198	182	169	156	143	130	104	78
10	FM6150TSS-25016	25.00	16	2.50"	269	244	224	208	192	176	160	128	96
11	FM6150TSS-30020	30.00	20	2.50"	336	304	280	260	240	220	200	160	120

Max. Head Per Stage : 50 Feet

FM6200SS TURBO	DISCHARGE IN L.P.M.				0	300	395	455	510	550	580	635	680
	Sr.	Model	H.P.	STG	Del in Inch	Total Head in Meters							
	1	FM6200TSS-4002	4.00	2	2.50"	34	30	28	26	24	22	20	16
2	* FM6200TSS-6003	6.00	3	2.50"	50	46	42	39	36	33	30	24	18
3	* FM6200TSS-7504	7.50	4	2.50"	67	61	56	52	48	44	40	32	24
4	* FM6200TSS-10005	10.00	5	2.50"	84	76	70	65	60	55	50	40	30
5	* FM6200TSS-12506	12.50	6	2.50"	100	91	84	78	72	66	60	48	36
6	* FM6200TSS-15008	15.00	8	2.50"	134	122	112	104	96	88	80	64	48
7	FM6200TSS-17509	17.50	9	2.50"	151	138	126	117	108	99	90	72	54
8	FM6200TSS-20010	20.00	10	2.50"	168	153	140	130	120	110	100	80	60
9	FM6200TSS-25013	25.00	13	2.50"	218	199	182	169	156	143	130	104	78
10	FM6200TSS-30015	30.00	15	2.50"	252	229	210	195	180	165	150	120	90

