



V-6 MIX FLOW TURBO SUBMERSIBLE PUMPSET



SPECIFICATIONS

Power Range	2.2 kW to 14.7 kW (3.0 HP to 20 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	2.50 & 3.00 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	Bowl	: CI FG:200
Motor Body Pipe	: Stainless Steel AISI 202	Impeller	: SS 410
Casting Part	: CI FG:200	Suction& NRV	: CI FG:200
Thrust Bearing	: Carbon v/s S.S., Silicon Carbide	Pump Shaft	: Stainless Steel AISI 410
Motor Bush	: LTB-4	All Hardware	: Stainless Steel
Stamping	: Electrical Steel	Pump Bush	: NBR / LTB4
Copper	: EC Grade 99.9%	Pump Sleeve / Coupling	: SS-410
Winding Wire	: Multilayer Polyester Insu.		
Oil Seal	: NBR		

PUMP



V-6
MIX FLOW

TURBO SUBMERSIBLE PUMPSET



Pump Type	Group	Bowl & Impeller	Version	Volt	Outer Diameter	Suitable for
V6 MIX FLOW TURBO	Mix Flow	C.I. Bowl S.S. 410 Impeller	Single Phase Three Phase	220 Volt 50Hz 415 Volt 50Hz	Motor - 142 mm Pump - 142 mm	150 mm Borewell

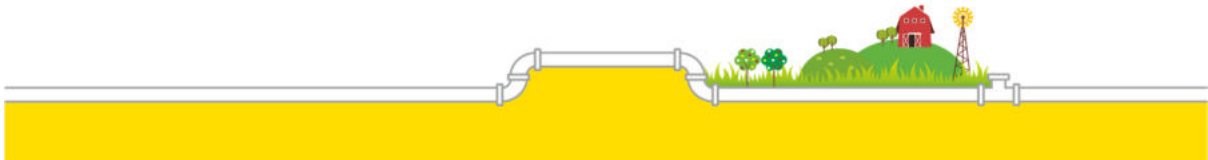
FM6100MF TURBO	DISCHARGE IN L.P.M.				0	275	410	505	580	645	710	760
	Sr.	Model	H.P.	STG	Del in Inch	Total Head in Meters						
	1	FM6100TMF-3003	3.00	3	2.50"	32	27	24	21	18	15	12
2	FM6100TMF-4004	4.00	4	2.50"	43	36	32	28	24	20	16	12
3	FM6100TMF-5005	5.00	5	2.50"	53	45	40	35	30	25	20	15
4	FM6100TMF-6006	6.00	6	2.50"	64	54	48	42	36	30	24	18
5	FM6100TMF-7508	7.50	8	2.50"	85	72	64	56	48	40	32	24
6	FM6100TMF-10010	10.00	10	2.50"	107	90	80	70	60	50	40	30
7	FM6100TMF-12513	12.50	13	2.50"	139	117	104	91	78	65	52	39
8	FM6100TMF-15015	15.00	15	2.50"	160	135	120	105	90	75	60	45
9	FM6100TMF-17518	17.50	18	2.50"	192	162	144	126	108	90	72	54
10	FM6100TMF-20020	20.00	20	2.50"	213	180	160	140	120	100	80	60

Max. Head Per Stage : 38 Feet

FM6125MF TURBO	DISCHARGE IN L.P.M.				0	405	520	590	640	715	770	820
	Sr.	Model	H.P.	STG	Del in Inch	Total Head in Meters						
	1	FM6125TMF-4003	4.00	3	2.50"	35	27	24	21	18	15	12
2	FM6125TMF-5004	5.00	4	2.50"	46	36	32	28	24	20	16	12
3	FM6125TMF-6005	6.00	5	2.50"	58	45	40	35	30	25	20	15
4	FM6125TMF-7506	7.50	6	2.50"	70	54	48	42	36	30	24	18
5	FM6125TMF-10008	10.00	8	2.50"	93	72	64	56	48	40	32	24
6	FM6125TMF-12510	12.50	10	2.50"	116	90	80	70	60	50	40	30
7	FM6125TMF-15012	15.00	12	2.50"	139	108	96	84	72	60	48	36
8	FM6125TMF-17514	17.50	14	2.50"	162	126	112	98	84	70	56	42
9	FM6125TMF-20016	20.00	16	2.50"	185	144	128	112	96	80	64	48

Max. Head Per Stage : 40 Feet

FM6150MF TURBO	DISCHARGE IN L.P.M.				0	500	640	720	805	875	930	990
	Sr.	Model	H.P.	STG	Del in Inch	Total Head in Meters						
	1	FM6150TMF-3002	3.00	2	2.50"	24	18	16	14	12	10	8
2	FM6150TMF-5003	5.00	3	2.50"	37	27	24	21	18	15	12	9
3	FM6150TMF-6004	6.00	4	2.50"	49	36	32	28	24	20	16	12
4	FM6150TMF-7505	7.50	5	2.50"	61	45	40	35	30	25	20	15
5	FM6150TMF-10007	10.00	7	2.50"	85	63	56	49	42	35	28	21
6	FM6150TMF-12508	12.50	8	2.50"	98	72	64	56	48	40	32	24
7	FM6150TMF-15010	15.00	10	2.50"	122	90	80	70	60	50	40	30
8	FM6150TMF-17512	17.50	12	2.50"	146	108	96	84	72	60	48	36
9	FM6150TMF-20013	20.00	13	2.50"	159	117	104	91	78	65	52	39





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V6 MIX FLOW TURBO	Mix Flow	C.I. 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 : **40 Feet**

FM6200MF TURBO	DISCHARGE IN L.P.M.				0	650	815	950	1045	1125	1205	1300
	Sr.	Model	H.P.	STG	Del in Inch	Total Head in Meters						
	1	FM6200TMF-4002	4.00	2	3.00"	24	18	16	14	12	10	8
2	FM6200TMF-6003	6.00	3	3.00"	37	27	24	21	18	15	12	9
3	FM6200TMF-7504	7.50	4	3.00"	49	36	32	28	24	20	16	12
4	FM6200TMF-10005	10.00	5	3.00"	61	45	40	35	30	25	20	15
5	FM6200TMF-12506	12.50	6	3.00"	73	54	48	42	36	30	24	18
6	FM6200TMF-15008	15.00	8	3.00"	98	72	64	56	48	40	32	24
7	FM6200TMF-17509	17.50	9	3.00"	110	81	72	63	54	45	36	27
8	FM6200TMF-20010	20.00	10	3.00"	122	90	80	70	60	50	40	30

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

FM6250MF TURBO	DISCHARGE IN L.P.M.				0	870	980	1090	1100	1200	1280	1350
	Sr.	Model	H.P.	STG	Del in Inch	Total Head in Meters						
	1	FM6250TMF-5002	5.00	2	3.00"	24	18	16	14	12	10	8
2	FM6250TMF-7503	7.50	3	3.00"	37	27	24	21	18	15	12	9
3	FM6250TMF-10004	10.00	4	3.00"	49	36	32	28	24	20	16	12
4	FM6250TMF-12505	12.50	5	3.00"	61	45	40	35	30	25	20	15
5	FM6250TMF-15006	15.00	6	3.00"	73	54	48	42	36	30	24	18
6	FM6250TMF-17507	17.50	7	3.00"	85	63	56	49	42	35	28	21
7	FM6250TMF-20008	20.00	8	3.00"	98	72	64	56	48	40	32	24

