

**V-6  
TO V-7** SUBMERSIBLE PUMPSET



**SPECIFICATIONS**

Power Range	3.75 kW to 14.7 kW (5.0 HP to 20 HP)
Speed	2800 RPM
Version	Three Phase 350V to 415V, 50Hz AC Supply.
Maximum Total Head	12 Mtr. to 112 Mtr.
Maximum Flow Rate	1580 LPM to 450 LPM
Nominal Outlet size in inches	3.00 & 4.00 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.
- 65 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
- Irrigation and Sprinkler
- 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	: CI FG:200
Impeller	: 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



**V-6  
TO V-7**

**SUBMERSIBLE PUMPSET**



Pump Type	Group	Bowl & Impeller	Version	Volt	Outer Diameter	Suitable for
V6 To V7	Mix Flow	C.I. Bowl S.S. 410 Impeller	Three Phase	415 Volt 50Hz	Motor - 142 mm Pump - 165 mm	200 mm Borewell

Max. Head Per Stage : 55 Feet

FM67M200	DISCHARGE IN L.P.M.					0	350	480	582	650	810	865	990
	Sr.	Model	H.P.	STG	Del in Inch	Total Head in Meters							
	1	FM67M-20042	4.00	2	3.00"	34	28	26	24	22	20	16	12
2	FM67M-20063	6.00	3	3.00"	50	42	39	36	33	30	24	18	
3	FM67M-200754	7.50	4	3.00"	67	56	52	48	44	40	32	24	
4	FM67M-200105	10.00	5	3.00"	84	70	65	60	55	50	40	30	
5	FM67M-2001256	12.50	6	3.00"	101	84	78	72	66	60	48	36	
6	FM67M-200158	15.00	8	3.00"	134	112	104	96	88	80	64	48	

Max. Head Per Stage : 55 Feet

FM67M250	DISCHARGE IN L.P.M.					0	525	680	785	890	980	1100	1240
	Sr.	Model	H.P.	STG	Del in Inch	Total Head in Meters							
	1	FM67M-25052	5.00	2	3.00"	34	28	26	24	22	20	16	12
2	FM67M-250753	7.50	3	3.00"	50	42	39	36	33	30	24	18	
3	FM67M-250104	10.00	4	3.00"	67	56	52	48	44	40	32	24	
4	FM67M-2501255	12.50	5	3.00"	84	70	65	60	55	50	40	30	
5	FM67M-250156	15.00	6	3.00"	101	84	78	72	66	60	48	36	

Max. Head Per Stage : 60 Feet

FM67M300	DISCHARGE IN L.P.M.					0	720	825	950	1030	1115	1260	1400
	Sr.	Model	H.P.	STG	Del in Inch	Total Head in Meters							
	1	FM67M-30062	6.00	2	3.00"	37	28	26	24	22	20	16	12
2	FM67M-300103	10.00	3	3.00"	55	42	39	36	33	30	24	18	
3	FM67M-3001254	12.50	4	3.00"	73	56	52	48	44	40	32	24	
4	FM67M-300155	15.00	5	3.00"	91	70	65	60	55	50	40	30	

Max. Head Per Stage : 65 Feet

FM67M400	DISCHARGE IN L.P.M.					0	895	975	1080	1150	1220	1365	1480
	Sr.	Model	H.P.	STG	Del in Inch	Total Head in Meters							
	1	FM67M-400752	7.50	2	4.00"	40	28	26	24	22	20	16	12
2	FM67M-4001253	12.50	3	4.00"	59	42	39	36	33	30	24	18	
3	FM67M-400154	15.00	4	4.00"	79	56	52	48	44	40	32	24	

Max. Head Per Stage : 65 Feet

FM67M500	DISCHARGE IN L.P.M.					0	1070	1170	1250	1320	1400	1530	1625
	Sr.	Model	H.P.	STG	Del in Inch	Total Head in Meters							
	1	FM67M-50051	5.00	1	4.00"	20	14	13	12	11	10	8	6
2	FM67M-500102	10.00	2	4.00"	40	28	26	24	22	20	16	12	
3	FM67M-500153	15.00	3	4.00"	59	42	39	36	33	30	24	18	

