



**V-6
SLIM**

SUBMERSIBLE PUMPSET



SPECIFICATIONS

Power Range	2.2 kW to 11 kW (3.0 HP to 15 HP)
Speed	2800 RPM
Version	Three Phase 350V to 415V, 50Hz AC Supply.
Maximum Total Head	50 Mtr. to 423 Mtr.
Maximum Flow Rate	535 LPM to 45 LPM
Nominal Outlet size in inches	2.00 & 2.50 Inches
Degree of Protection	IP 58
Maximum outer Diameter in mm	Suitable for 140mm 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 11.25 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

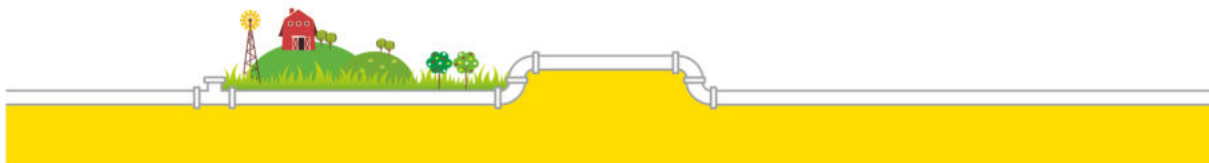
Clean, thin, non-aggressive, non-explosive, clear cold, fresh water without solid particles or fibre.

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.
Motor Bush	: LTB-4
Stamping	: Electrical Steel
Copper	: EC Grade 99.9%
Winding Wire	: Multilayer Polyester Insu.
Oil Seal	: NBR

PUMP

Bowl & Impeller	: SS 304 Bowl, SS 410 Impeller
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 SLIM	Radial Flow	S.S. 304 Bowl S.S. 410 Impeller	Single Phase Three Phase	220 Volt 50Hz 415 Volt 50Hz	Motor - 135 mm Pump - 135 mm	140 mm Borewell

Max. Head Per Stage : 42 Feet

		DISCHARGE IN L.P.M.				0	45	65	85	100	120	135	150
FM6-30SL	Sr.	Model	H.P.	STG	Del in Inch	Total Head in Meters							
	1	FM630SL-3010	3.00	10	2.00"	128	120	110	100	90	80	70	50
	2	FM630SL-4013	4.00	13	2.00"	166	156	143	130	117	104	91	65
	3	FM630SL-5016	5.00	16	2.00"	205	192	176	160	144	128	112	80
	4	FM630SL-6020	6.00	20	2.00"	256	240	220	200	180	160	140	100
	5	FM630SL-7525	7.50	25	2.00"	320	300	275	250	225	200	175	125
	6	FM630SL-10033	10.00	33	2.00"	423	396	363	330	297	264	231	165

Max. Head Per Stage : 42 Feet

		DISCHARGE IN L.P.M.				0	60	95	115	130	145	155	180
FM6-40SL	Sr.	Model	H.P.	STG	Del in Inch	Total Head in Meters							
	1	FM640SL-3007	3.00	7	2.00"	90	84	77	70	63	56	49	35
	2	FM640SL-4010	4.00	10	2.00"	128	120	110	100	90	80	70	50
	3	FM640SL-5012	5.00	12	2.00"	155	144	132	120	108	96	84	60
	4	FM640SL-6015	6.00	15	2.00"	192	180	165	150	135	120	105	75
	5	FM640SL-7519	7.50	19	2.00"	243	228	209	190	171	152	133	95
	6	FM640SL-10025	10.00	25	2.00"	320	300	275	250	225	200	175	125
7	FM640SL-12531	12.50	31	2.00"	397	372	341	310	279	248	217	155	

Max. Head Per Stage : 45 Feet

		DISCHARGE IN L.P.M.				0	95	125	145	165	180	195	220
FM6-50SL	Sr.	Model	H.P.	STG	Del in Inch	Total Head in Meters							
	1	FM650SL-3006	3.00	6	2.00"	82	72	66	60	54	48	42	30
	2	FM650SL-4008	4.00	8	2.00"	110	96	88	80	72	64	56	40
	3	FM650SL-5010	5.00	10	2.00"	128	120	110	100	90	80	70	50
	4	FM650SL-6012	6.00	12	2.00"	165	144	132	120	108	96	84	60
	5	FM650SL-7515	7.50	15	2.00"	206	180	165	150	135	120	105	75
	6	FM650SL-10020	10.00	20	2.00"	274	240	220	200	180	160	140	100
	7	FM650SL-12525	12.50	25	2.00"	342	300	275	250	225	200	175	125
8	FM650SL-15030	15.00	30	2.00"	412	360	330	300	270	240	210	150	

Max. Head Per Stage : 45 Feet

		DISCHARGE IN L.P.M.				0	120	150	175	190	205	220	245
FM6-60SL	Sr.	Model	H.P.	STG	Del in Inch	Total Head in Meters							
	1	FM660SL-3005	3.00	5	2.00"	69	60	55	50	45	40	35	25
	2	FM660SL-4006	4.00	6	2.00"	82	72	66	60	54	48	42	30
	3	FM660SL-5008	5.00	8	2.00"	110	96	88	80	72	64	56	40
	4	FM660SL-6010	6.00	10	2.00"	137	120	110	100	90	80	70	50
	5	FM660SL-7512	7.50	12	2.00"	165	144	132	120	108	96	84	60
	6	FM660SL-10016	10.00	16	2.00"	220	192	176	160	144	128	112	80
	7	FM660SL-12520	12.50	20	2.00"	274	240	220	200	180	160	140	100
8	FM660SL-15025	15.00	25	2.00"	343	300	275	250	225	200	175	125	



Pump Type	Group	Bowl & Impeller	Version	Volt	Outer Diameter	Suitable for
V6 SLIM	Radial Flow	S.S. 304 Bowl S.S. 410 Impeller	Single Phase Three Phase	220 Volt 50Hz 415 Volt 50Hz	Motor - 135 mm Pump - 135 mm	140 mm Borewell

Max. Head Per Stage : **45 Feet**

FM6-80SL	DISCHARGE IN L.P.M.				0	175	215	255	265	285	310	335
	Sr.	Model	H.P.	STG	Del in Inch	Total Head in Meters						
	1	FM680SL-3004	3.00	4	2.00"	55	48	44	40	36	32	28
2	FM680SL-4005	4.00	5	2.00"	69	60	55	50	45	40	35	25
3	FM680SL-5006	5.00	6	2.00"	82	72	66	60	54	48	42	30
4	FM680SL-6008	6.00	8	2.00"	110	96	88	80	72	64	56	40
5	FM680SL-7510	7.50	10	2.00"	137	120	110	100	90	80	70	50
6	FM680SL-10012	10.00	12	2.00"	165	144	132	120	108	96	84	60
7	FM680SL-12515	12.50	15	2.00"	206	180	165	150	135	120	105	75
8	FM680SL-15018	15.00	18	2.00"	247	216	198	180	162	144	126	90

Max. Head Per Stage : **45 Feet**

FM6-100SL	DISCHARGE IN L.P.M.				0	225	265	300	320	340	360	390
	Sr.	Model	H.P.	STG	Del in Inch	Total Head in Meters						
	1	FM6100SL-3003	3.00	3	2.50"	41	36	33	30	27	24	21
2	FM6100SL-4004	4.00	4	2.50"	55	48	44	40	36	32	28	20
3	FM6100SL-5005	5.00	5	2.50"	69	60	55	50	45	40	35	25
4	FM6100SL-6006	6.00	6	2.50"	82	72	66	60	54	48	42	30
5	FM6100SL-7508	7.50	8	2.50"	110	96	88	80	72	64	56	40
6	FM6100SL-10010	10.00	10	2.50"	137	120	110	100	90	80	70	50
7	FM6100SL-12513	12.50	13	2.50"	178	156	143	130	117	104	91	65
8	FM6100SL-15015	15.00	15	2.50"	206	180	165	150	135	120	105	75

Max. Head Per Stage : **45 Feet**

FM6-125SL	DISCHARGE IN L.P.M.				0	260	315	370	415	455	485	535
	Sr.	Model	H.P.	STG	Del in Inch	Total Head in Meters						
	1	FM6125SL-4003	4.00	3	2.50"	41	36	33	30	27	24	21
2	FM6125SL-5004	5.00	4	2.50"	55	48	44	40	36	32	28	20
3	FM6125SL-6005	6.00	5	2.50"	69	60	55	50	45	40	35	25
4	FM6125SL-7506	7.50	6	2.50"	82	72	66	60	54	48	42	30
5	FM6125SL-10008	10.00	8	2.50"	110	96	88	80	72	64	56	40
6	FM6125SL-12510	12.50	10	2.50"	137	120	110	100	90	80	70	50
7	FM6125SL-15012	15.00	12	2.50"	165	144	132	120	108	96	84	60

