



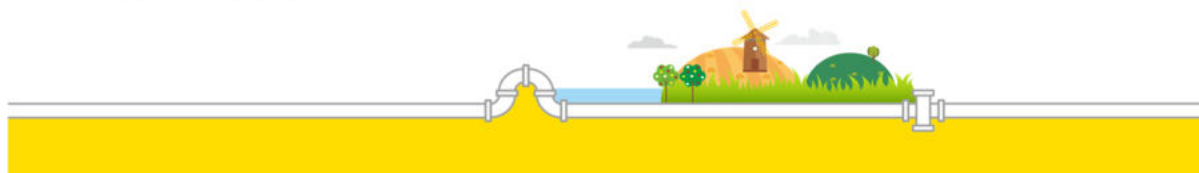
SPECIFICATIONS	
Power Range	2.2 kW to 22 kW (3.0 HP to 30 HP)
Speed	2800 RPM
Version	Three Phase 350V to 415V, 50Hz AC Supply.
Maximum Total Head	35 Mtr. to 790 Mtr.
Maximum Flow Rate	1350 LPM to 65 LPM
Nominal Outlet size in inches	2.00 & 2.50 Inches
Degree of Protection	IP 58
Maximum outer Diameter 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. • 70 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	• Pressure Boosting
• Small Farms	• Small Industries
• Hotels	• Gardens and Fountains
• Fire Fighting	• Civil water supply

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

MOTOR		PUMP	
Motor Shaft	: Stainless Steel AISI 410	Bowl	: SS 304/CI FG:200
Motor Body Pipe	: Stainless Steel AISI 202	Impeller	: SS 304, 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		



**V-6
SS**

HIGH HEAD SUBMERSIBLE PUMPSET

doctor[®]
PUMPS

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

Max. Head Per Stage : 70 Feet

FM6706SSHH	DISCHARGE IN L.P.M.					0	50	80	95	100	110	140	165
	Sr.	Model	H.P.	STG	Del in Inch	Total Head in Meters							
	1	FM6706SSHH-3005	3.00	5	2.00"	101	96	90	85	80	75	60	40
	2	FM6706SSHH-4007	4.00	7	2.00"	141	134	126	119	112	105	84	56
	3	FM6706SSHH-5008	5.00	8	2.00"	162	154	144	136	128	120	96	64
	4	FM6706SSHH-6010	6.00	10	2.00"	202	192	180	170	160	150	120	80
	5	FM6706SSHH-7512	7.50	12	2.00"	242	230	216	204	192	180	144	96
	6	FM6706SSHH-10016	10.00	16	2.00"	323	307	288	272	256	240	192	128
	7	FM6706SSHH-12520	12.50	20	2.00"	404	384	360	340	320	300	240	160
	8	FM6706SSHH-15025	15.00	25	2.00"	505	480	450	425	400	375	300	200

Max. Head Per Stage : 70 Feet

FM6708SSHH	DISCHARGE IN L.P.M.					0	70	105	115	130	145	180	215
	Sr.	Model	H.P.	STG	Del in Inch	Total Head in Meters							
	1	FM6708SSHH-3004	3.00	4	2.00"	85	76	72	68	64	60	48	32
	2	FM6708SSHH-4005	4.00	5	2.00"	107	95	90	85	80	75	60	40
	3	FM6708SSHH-5006	5.00	6	2.00"	128	114	108	102	96	90	72	48
	4	FM6708SSHH-6008	6.00	8	2.00"	171	152	144	136	128	120	96	64
	5	FM6708SSHH-7510	7.50	10	2.00"	213	190	180	170	160	150	120	80
	6	FM6708SSHH-10012	10.00	12	2.00"	256	228	216	204	192	180	144	98
	7	FM6708SSHH-12512	12.50	15	2.00"	320	285	270	255	240	225	180	120
	8	FM6708SSHH-15018	15.00	18	2.00"	384	342	324	306	288	270	216	144

Max. Head Per Stage : 70 Feet

FM6710SSHH	DISCHARGE IN L.P.M.					0	120	140	165	180	200	240	290
	Sr.	Model	H.P.	STG	Del in Inch	Total Head in Meters							
	1	FM6710SSHH-3003	3.00	3	2.00"	64	57	54	51	48	45	36	24
	2	FM6710SSHH-4004	4.00	4	2.00"	85	76	72	68	64	60	48	32
	3	FM6710SSHH-5005	5.00	5	2.00"	107	95	90	85	80	75	60	40
	4	FM6710SSHH-6006	6.00	6	2.00"	128	114	108	102	96	90	72	48
	5	FM6710SSHH-7508	7.50	8	2.00"	171	152	144	136	128	120	96	64
	6	FM6710SSHH-10010	10.00	10	2.00"	213	190	180	170	160	150	120	80
	7	FM6710SSHH-12513	12.50	13	2.00"	277	247	234	221	208	195	150	104
	8	FM6710SSHH-15015	15.00	15	2.00"	320	285	270	255	240	225	195	120



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

Max. Head Per Stage : **70 Feet**

FM6712SSHH	DISCHARGE IN L.P.M.					0	175	205	235	255	275	335	395
	Sr.	Model	H.P.	STG	Del in Inch	Total Head in Meters							
	1	FM6712SSHH-4003	4.00	3	2.50"	64	57	54	51	48	45	36	24
	2	FM6712SSHH-5004	5.00	4	2.50"	85	76	72	68	64	60	48	32
	3	FM6712SSHH-6005	6.00	5	2.50"	107	95	90	85	80	75	60	40
	4	FM6712SSHH-7506	7.50	6	2.50"	128	114	108	102	96	90	72	48
	5	FM6712SSHH-10008	10.00	8	2.50"	171	152	144	136	128	120	96	64
	6	FM6712SSHH-12510	12.50	10	2.50"	213	190	180	170	160	150	120	80
	7	FM6712SSHH-15012	15.00	12	2.50"	256	228	216	204	192	180	144	96

Max. Head Per Stage : **70 Feet**

FM6715SSHH	DISCHARGE IN L.P.M.					0	225	255	275	300	330	390	455
	Sr.	Model	H.P.	STG	Del in Inch	Total Head in Meters							
	1	FM6715SSHH-3002	3.00	2	2.50"	43	38	36	34	32	30	24	16
	2	FM6715SSHH-5003	5.00	3	2.50"	64	57	54	51	48	45	26	24
	3	FM6715SSHH-6004	6.00	4	2.50"	85	76	72	68	64	60	48	32
	4	FM6715SSHH-7505	7.50	5	2.50"	107	95	90	85	80	75	60	40
	5	FM6715SSHH-10007	10.00	7	2.50"	149	133	126	119	112	105	84	56
	6	FM6715SSHH-12508	12.50	8	2.50"	171	152	144	136	128	120	96	64
	7	FM6715SSHH-15010	15.00	10	2.50"	213	190	180	170	160	150	120	80

Max. Head Per Stage : **70 Feet**

FM6720SSHH	DISCHARGE IN L.P.M.					0	135	350	370	460	520	565	625
	Sr.	Model	H.P.	STG	Del in Inch	Total Head in Meters							
	1	FM6720SSHH-4002	4.00	2	2.50"	42	40	36	34	28	24	21	16
	2	FM6720SSHH-6003	6.00	3	2.50"	62	60	53	51	42	36	32	24
	3	FM6720SSHH-7504	7.50	4	2.50"	83	80	71	68	56	48	42	32
	4	FM6720SSHH-10005	10.00	5	2.50"	104	100	89	85	70	60	53	40
	5	FM6720SSHH-12506	12.50	6	2.50"	125	120	107	102	84	72	63	48
	6	FM6720SSHH-15008	15.00	8	2.50"	166	160	142	136	112	96	84	64

