

V-3 SUBMERSIBLE PUMPSET

SPECIFICATIONS

Power Range	0.37 kW - 1.1 kW (0.50 HP - 1.50 HP)
Speed	2800 RPM
Version	Single Phase, 160-230V, 50 Hz, A.C. Supply
Maximum Total Head	10 Meter to 100 Meter
Maximum Flow Rate	110 LPM to 15 LPM
Maximum outer diameter in mm	80 mm
Nominal outlet size in inches	1 & 1.25 Inches
Degree of Protection	IP 58
Direction of Rotation	Counter Clockwise from driving end - 1pH
Mini. cooling flow along the motor	0.15 m/sec
Type of Duty	S1 (Continuous)
Method of Starting	1pH - Capacitor
Maximum Starts per hour	10 times.

FEATURES

- High Operating efficiency ● Precise part for hygiene, Highly durable Extremely hardwearing water lubricated bushes. ● Good resistance to sand ● Water cooled rewindable motor Can be easily dismantled and repaired Can handle up thrust loads.
- Unique SINGLE PIECE STAINLESS STEEL MOTOR BODY design - More strength. Designed for wide voltage fluctuations.

APPLICATIONS

- Residence
- Small Farms
- Nurseries
- Hotels
- Small Industries
- Gardens & Fountains

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	: Silicon Steel.
Copper	: EC Grade 99.9%
Winding Wire	: Multilayer Polyester Insu.
Oil Seal	: NBR

PUMP

Bowl& Impeller	: Modified PPGF (Noryl)
Suction& NRV	: CI FG:200
Pump Shaft	: Stainless Steel AISI 410
Pump casing	: Stainless Steel AISI 202
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
V3	Radial Flow	Modified PPGF (Noryl)	Single Phase	220 Volt 50Hz	Motor - 74 mm Pump - 74 mm	80 mm Borewell

Max. Head Per Stage : 15 Feet

FM3-2	DISCHARGE IN L.P.M.					20	33	40	48	52	58	63
	Sr.	Model	H.P.	STG	Del in Inch	Total Head in Meters						
	1	FM32-0510	0.50	10	1.00"	40	35	30	25	20	15	10
2	FM32-0715	0.75	15	1.00"	60	53	45	38	30	23	15	
3	FM32-1020	1.00	20	1.00"	80	70	60	50	40	30	20	
4	FM32-1525	1.50	25	1.00"	100	88	75	63	50	38	25	

Max. Head Per Stage : 15 Feet

FM3-4	DISCHARGE IN L.P.M.					30	42	50	58	65	70	75
	Sr.	Model	H.P.	STG	Del in Inch	Total Head in Meters						
	1	FM34-0508	0.50	8	1.00"	32	28	24	20	16	12	8
2	FM34-0712	0.75	12	1.00"	48	42	36	30	24	18	12	
3	FM34-1015	1.00	15	1.00"	60	53	45	38	30	23	15	
4	FM34-1520	1.50	20	1.00"	80	70	60	50	40	30	20	

Max. Head Per Stage : 15 Feet

FM3-5	DISCHARGE IN L.P.M.					35	48	65	75	80	85	90
	Sr.	Model	H.P.	STG	Del in Inch	Total Head in Meters						
	1	FM35-0506	0.50	6	1.25"	24	21	18	15	12	9	6
2	FM35-0710	0.75	10	1.25"	40	35	30	25	20	15	10	
3	FM35-1012	1.00	12	1.25"	48	42	36	30	24	18	12	
4	FM35-1515	1.50	15	1.25"	60	53	45	38	30	23	15	

Max. Head Per Stage : 15 Feet

FM3-7	DISCHARGE IN L.P.M.					40	50	70	80	90	98	110
	Sr.	Model	H.P.	STG	Del in Inch	Total Head in Meters						
	1	FM37-0708	0.75	8	1.25"	32	28	24	20	16	12	8
2	FM37-1010	1.00	10	1.25"	40	35	30	25	20	15	10	
3	FM37-1512	1.50	12	1.25"	48	42	36	30	24	18	12	

