



SPECIFICATIONS

Power Range	0.37 kW to 1.1 kW (0.50 HP to 1.5 HP)
Speed	2800 RPM
Version : Single Phase 160V to 230V, Three Phase 350 to 415V, 50Hz AC Supply. (Single Phase Available in 0.5 HP to 1.5HP/Three Phase Available in 1HP to 1.5HP)	
Maximum Total Head	20 Mtr. to 160 Mtr.
Maximum Flow Rate	160 LPM to 10 LPM
Nominal Outlet size in inches	1.00, 1.25 & 1.50, Inches
Degree of Protection	IP 58
Maximum outer Diameter in mm	Suitable for 100mm bore
Direction of Rotation	Counter clockwise from driving end -1 Ph, Electrically Reversible -3ph
Mini. Cooling flow along the motor	0.15 m/sec.
Type of Duty	S1 (Continues)
Method of Starting	1ph-Capa. Start Capa. Run (CSCR):3ph - Direct Online
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

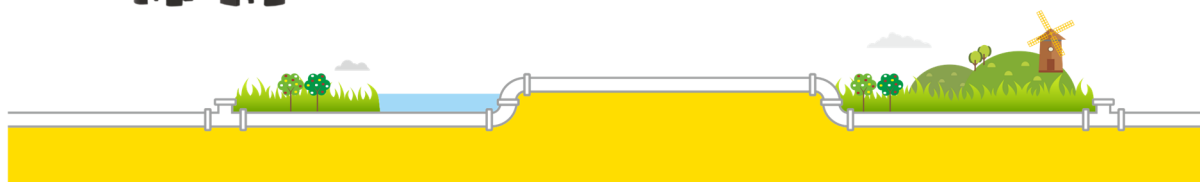
Clean, thin, non-aggressive, non-explosive, clear cold, fresh water without solid particles or fibre.

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., Teflon
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



**V-4
DLX****SUBMERSIBLE PUMPSET****doctor[®]**
PUMPS

Pump Type	Group	Bowl & Impeller	Version	Volt	Outer Diameter	Suitable for
V4 DLX	Radial Flow	Modified PPGF (Noryl)	Single Phase Three Phase	220 Volt 50Hz 415 Volt 50Hz	Motor - 97 mm Pump - 90 mm	100 mm Borewell

Max. Head Per Stage : 20 Feet

FM4-0D	DISCHARGE IN L.P.M.					0	10	15	20	24	28	32	40
	Sr.	Model	H.P.	STG	Del in Inch	Total Head in Meters							
	1	FM40D-0512	0.50	12	1.00"	73	66	60	54	48	42	36	24
	2	FM40D-0718	0.75	18	1.00"	110	99	90	81	72	63	54	36
	3	FM40D-1021	1.00	21	1.00"	128	116	105	95	84	74	63	42
	4	FM40D-1528	1.50	28	1.00"	171	154	140	126	112	98	84	56

FM4-1D	DISCHARGE IN L.P.M.					0	12	18	25	32	38	44	53
	Sr.	Model	H.P.	STG	Del in Inch	Total Head in Meters							
	1	* FM41D-0510	0.50	10	1.00"	61	55	50	45	40	35	30	20
	2	* FM41D-0712	0.75	12	1.00"	73	66	60	54	48	42	36	24
	3	* FM41D-0715	0.75	15	1.00"	92	83	75	68	60	53	45	30
	4	* FM41D-1018	1.00	18	1.00"	110	99	90	81	72	63	54	36
	5	* FM41D-1525	1.50	25	1.00"	153	138	125	113	100	88	75	50

FM4-2D	DISCHARGE IN L.P.M.					0	25	32	38	43	48	53	64
	Sr.	Model	H.P.	STG	Del in Inch	Total Head in Meters							
	1	* FM42D-0507	0.50	7	1.00"	43	39	35	32	28	25	21	14
	2	* FM42D-0710	0.75	10	1.00"	61	55	50	45	40	35	30	20
	3	* FM42D-1012	1.00	12	1.00"	73	66	60	54	48	42	36	24
	4	* FM42D-1015	1.00	15	1.00"	92	83	75	68	60	53	45	30
	5	* FM42D-1520	1.50	20	1.00"	122	110	100	90	80	70	60	40

FM4-4D	DISCHARGE IN L.P.M.					0	38	52	62	70	78	88	102
	Sr.	Model	H.P.	STG	Del in Inch	Total Head in Meters							
	1	FM44D-0505	0.50	5	1.25"	31	28	25	23	20	18	15	10
	2	FM44D-0708	0.75	8	1.25"	49	44	40	36	32	28	24	16
	3	FM44D-1010	1.00	10	1.25"	61	55	50	45	40	35	30	20
	4	FM44D-1512	1.50	12	1.25"	73	66	60	54	48	42	36	24
	5	FM44D-1515	1.50	15	1.25"	92	83	75	68	60	53	45	30

FM4-5D	DISCHARGE IN L.P.M.					0	40	62	80	94	105	114	135
	Sr.	Model	H.P.	STG	Del in Inch	Total Head in Meters							
	1	FM45D-0706	0.75	6	1.50"	37	33	30	27	24	21	18	12
	2	FM45D-1008	1.00	8	1.50"	49	44	40	36	32	28	24	16
	3	FM45D-1510	1.50	10	1.50"	61	55	50	45	40	35	30	20

FM4-7D	DISCHARGE IN L.P.M.					0	75	95	110	125	135	145	160
	Sr.	Model	H.P.	STG	Del in Inch	Total Head in Meters							
	1	FM47D-1006	1.00	6	1.50"	37	33	30	27	24	21	18	12
	2	FM47D-1508	1.50	8	1.50"	49	44	40	36	32	28	24	16

