



**V-4  
DLX**

**ALLUMINIUM SUBMERSIBLE PUMPSET**

SPECIFICATIONS	
Power Range	0.37 kW to 1.1 kW (0.50 HP to 1.50 HP)
Speed	2800 RPM
Version	Single Phase 160V to 230V, 50Hz AC Supply.
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 -3 ph
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
<ul style="list-style-type: none"> <li>● High Operating efficiency</li> <li>● Precise part for hygiene, Highly durable Extremely hardwearing water lubricated bushes.</li> <li>● Good resistance to sand</li> <li>● Water cooled rewindable motor Can be easily dismantled and repaired Can handle up thrust loads.</li> <li>● Unique SINGLE PIECE STAINLESS STEEL MOTOR BODY design - More strength. Designed for wide voltage fluctuations.</li> </ul>

APPLICATIONS
<ul style="list-style-type: none"> <li>▪ Residence</li> <li>▪ Small Farms</li> <li>▪ Nurseries</li> <li>▪ Hotels</li> <li>▪ Small Industries</li> <li>▪ Gardens &amp; Fountains</li> </ul>

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& Impeller : Modified PPGF (Noryl)
Motor Body Pipe : Stainless Steel AISI 202	Suction& NRV : CI FG:200
Casting Part : CI FG:200	Pump Shaft : Stainless Steel AISI 410
Thrust Bearing : Carbon v/s S.S., Teflon	Pump casing : Stainless Steel AISI 202
Motor Bush : LTB-4	All Hardware : Stainless Steel
Stamping : Silicon Steel	Pump Bush : NBR / LTB4
Aluminium : High Grade EC Grade Alu.	Pump Sleeve / Coupling : SS-410
Winding Wire : Multilayer Polyester Insu.	
Oil Seal : NBR	



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Pump Type	Group	Bowl & Impeller	Version	Volt	Outer Diameter	Suitable for
V4 DLX AL	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

FM4-0DA	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	FM40DA-0512	0.50	12	1.00"	75	66	60	54	48	42	36
2	FM40DA-0718	0.75	18	1.00"	110	99	90	81	72	63	54	36
3	FM40DA-1021	1.00	21	1.00"	128	116	105	95	84	74	63	42
4	FM40DA-1528	1.50	28	1.00"	171	154	140	126	112	98	84	56

Max. Head Per Stage : 20 Feet

FM4-1DA	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	FM41DA-0510	0.50	10	1.00"	61	55	50	45	40	35	30
2	FM41DA-0712	0.75	12	1.00"	73	66	60	54	48	42	36	24
3	FM41DA-0715	0.75	15	1.00"	92	83	75	68	60	53	45	30
4	FM41DA-1018	1.00	18	1.00"	110	99	90	81	72	63	54	36
5	FM41DA-1525	1.50	25	1.00"	153	138	125	113	100	88	75	50

Max. Head Per Stage : 20 Feet

FM4-2DA	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	FM42DA-0507	0.50	7	1.00"	43	39	35	32	28	25	21
2	FM42DA-0710	0.75	10	1.00"	61	55	50	45	40	35	30	20
3	FM42DA-1012	1.00	12	1.00"	73	66	60	54	48	42	36	24
4	FM42DA-1015	1.00	15	1.00"	92	83	75	68	60	53	45	30
5	FM42DA-1520	1.50	20	1.00"	122	110	100	90	80	70	60	40

Max. Head Per Stage : 20 Feet

FM4-4DA	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	FM44DA-0505	0.50	5	1.25"	31	28	25	23	20	18	15
2	FM44DA-0708	0.75	8	1.25"	49	44	40	36	32	28	24	16
3	FM44DA-1010	1.00	10	1.25"	61	55	50	45	40	35	30	20
4	FM44DA-1512	1.50	12	1.25"	73	66	60	54	48	42	36	24
5	FM44DA-1515	1.50	15	1.25"	92	83	75	68	60	53	45	30





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Max. Head Per Stage : 20 Feet

FM4-5DA	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	FM45DA-0706	0.75	6	1.50"	37	33	30	27	24	21	18	12
2	FM45DA-1008	1.00	8	1.50"	49	44	40	36	32	28	24	16	
3	FM45DA-1510	1.50	10	1.50"	61	55	50	45	40	35	30	20	

Max. Head Per Stage : 20 Feet

FM4-7DA	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	FM47DA-1006	1.00	6	1.50"	37	33	30	27	24	21	18	12
2	FM47DA-1508	1.50	8	1.50"	49	44	40	36	32	28	24	16	

