

# OTHER PRODUCT RANGE

## 3" to 10" SUBMERSIBLE MOTOR PUMPS



**PERFORMANCE**  
Head range: 5 mtr - 462 mtr  
Discharge: 15 lpm - 3400 lpm  
Horse power: 0.5 hp - 150 hp

## 4" 6" 8" SS SUBMERSIBLE PUMPS



**PERFORMANCE**  
Head range: 6 mtr - 391 mtr  
Discharge: 10 lpm - 2035 lpm  
Horse power: 0.5 hp - 30 hp

## VERTICAL OPENWELL PUMPS



**PERFORMANCE**  
Head range: 10 mtr - 157 mtr  
Discharge: 125 lpm - 2550 lpm  
Horse power: 3.0 hp - 20.0 hp

## VMPS PUMPS



**PERFORMANCE**  
Head range: 6 mtr - 76 mtr  
Discharge: 28 lpm - 105 lpm  
Horse power: 0.5 hp - 1.5 hp

## HORIZONTAL OPENWELL PUMPS



**PERFORMANCE**  
Head range: 6 mtr - 66 mtr  
Discharge: 100 lpm - 2330 lpm  
Horse power: 3 hp - 20 hp

## DEEP WELL JET PUMPS



**PERFORMANCE**  
Head range: 6 mtr - 55 mtr  
Discharge: 420 lph - 1800 lph  
Horse power: 1.0 hp

## CENTRIFUGAL MONOBLOCK PUMP 'B' Class Insulation



**PERFORMANCE**  
Head range: 5 mtr - 40 mtr  
Discharge: 2000 lph - 78000 lph  
Horse power: 0.5 hp - 5.0 hp

## CENTRIFUGAL MONOBLOCK PUMP 'A' Class Insulation



**PERFORMANCE**  
Head range: 12 mtr - 68 mtr  
Discharge: 200 lpm - 1850 lpm  
Horse power: 3 hp - 10 hp

## SHALLOW WELL JET PUMP



**PERFORMANCE**  
Head range: 6 mtr - 39 mtr  
Discharge: 400 lph - 3500 lph  
Horse power: 0.5 hp - 1.0 hp

## MINI MONOBLOCK PUMPS



**PERFORMANCE**  
Head range: 6 mtr - 54 mtr  
Discharge: 130 lph - 5000 lph  
Horse power: 0.25 hp - 1.5 hp

## INDUCTION MOTOR



**PERFORMANCE**  
Power: 5 hp - 25 hp  
Speed: 2800, 1440, 960 rpm

## SEWAGE PUMP



**PERFORMANCE**  
Head range: 4 mtr - 14 mtr  
Discharge: 50 lpm - 650 lpm  
Horse power: 0.5 hp - 2 hp



## MINI HMPS ADV - SS Model

**PERFORMANCE**  
Head range: 6 mtr - 32 mtr  
Discharge: 2100 lph - 18000 lph  
Horse power: 0.5 hp - 2.0 hp



## uPVC COLUMN PIPES CONTROL PANELS 3-CORE FLAT CABLE

# Rock Solid performance cast in Stainless Steel

Longer Life & Maintenance Free • Rust free

High Efficiency and Performance • Easy Installation

Energy efficient • Wider Voltage band

CIN: U171106J1981PTC004263

## STAINLESS STEEL PUMPS

SINCE 1935

# VARUNA™

RAISE • REACH • REAP

PUMPS • MOTORS • PIPES • CABLES

**TOLL FREE: 1800 258 2565**  
**LA-GAJJAR MACHINERIES PVT. LTD.**

Acidwala Estate, Nagarwel Hanuman Road, Amraiwadi, Ahmedabad-380 026 (Gujarat), INDIA  
Phone: 079-71010500-99 • Fax: 079-22730872 • Email: crm@lgmindia.com • www.varunapumps.com

SINCE 1935  
**VARUNA™**

RAISE • REACH • REAP

PUMPS • MOTORS • PIPES • CABLES

# RAISING VALUE SINCE 1935

La-Gajjar Machineries was founded in 1935 by Shri Lalji Bhai Gajjar to offer comprehensive and sustainable water solutions. Today this legacy of 8 decades surges ahead to become one of the largest manufacturers of submersible motors and pumps in India. Our range of products under brand name Varuna, built on a precise market understanding offer customized solutions to 50 countries across the globe. Together, we stand as responsible partners for prosperity, for our people and the world.

# STAINLESS STEEL PUMPS

Varuna Submersible Pumps available in 4"-6"-8" and 10" stainless models which are made of 304 grade, high quality stainless steel that is responsible for the longevity and durability of the product. The super resistant quality of the pumps, makes it perfect for working in extreme conditions and enables the much needed compression pressure in well montages.

## V4-VP 2A

**SUITABLE FOR 100mm BOREWELL OR ABOVE (Min. Bore Dia. 100mm)**

APPROXIMATE PERFORMANCE CHART AT 2880 RPM, 200-240 VOLTS SINGLE PHASE / 380-415 Volts Three Phase, 50Hz, A.C. SUPPLY. Maximum Motor OD: 96.5mm & Pump OD: 98mm

OUTLET SIZE: 32mm

TYPE OF FLOW: RADIAL

MODEL		MOTOR RATING		STAGE	HEAD IN METERS	DISCHARGE IN LPM						
OF	WF	kW	H.P.			0	20	25	30	35	40	50
VPO 2A	VP 2A	0.37	0.50	6		36	32	29	26	23	16	11
VPO 2A	VP 2A	0.37	0.50	9		53	48	44	38	34	24	17
VPO 2A	VP 2A	0.55	0.75	13		77	69	64	55	49	35	24
VPO 2A	VP 2A	0.75	1.00	18		107	95	88	77	68	48	34
VPO 2A	VP 2A	1.10	1.50	23		136	122	112	98	87	62	43
VPO 2A	VP 2A	1.50	2.00	28		166	148	137	119	106	75	52
VPO 2A	VP 2A	1.50	2.00	33		195	175	161	140	125	89	62
VPO 2A	VP 2A	2.20	3.00	40		240	213	193	173	153	107	73
VPO 2A	VP 2A	2.00	3.00	48		288	256	232	208	184	128	88
VPO 2A	VP 2A	3.00	4.00	55		330	293	266	238	211	147	101

## V4-VP 3A

**SUITABLE FOR 100mm BOREWELL OR ABOVE (Min. Bore Dia. 100mm)**

APPROXIMATE PERFORMANCE CHART AT 2880 RPM, 200-240 VOLTS SINGLE PHASE / 380-415 Volts Three Phase, 50Hz, A.C. SUPPLY. Maximum Motor OD: 96.5mm & Pump OD: 98mm

OUTLET SIZE: 32mm

TYPE OF FLOW: RADIAL

MODEL		MOTOR RATING		STAGE	HEAD IN METERS	DISCHARGE IN LPM						
OF	WF	kW	H.P.			0	25	30	40	50	70	75
VPO 3A	VP 3A	0.37	0.50	6		38	34	33	31	27	18	15
VPO 3A	VP 3A	0.55	0.75	9		57	51	50	46	41	27	23
VPO 3A	VP 3A	0.75	1.00	12		76	68	66	61	54	36	31
VPO 3A	VP 3A	1.10	1.50	15		95	85	83	77	68	44	39
VPO 3A	VP 3A	1.10	1.50	18		113	102	99	92	82	53	46
VPO 3A	VP 3A	1.50	2.00	22		139	125	121	112	100	65	57
VPO 3A	VP 3A	1.50	2.00	25		158	142	138	128	114	74	64
VPO 3A	VP 3A	2.20	3.00	29		183	164	160	148	132	86	75
VPO 3A	VP 3A	2.20	3.00	33		208	187	182	169	150	98	85
	VP 3A	3.00	4.00	39		247	221	215	198	176	117	101
	VP 3A	3.00	4.00	45		285	255	248	229	203	135	116
	VP 3A	3.70	5.00	52		329	295	286	264	234	156	134
	VP 3A	3.70	5.00	60	380	340	330	305	270	180	155	



**V4-VP 5A**

**SUITABLE FOR 100mm BOREWELL OR ABOVE (Min. Bore Dia. 100mm)**

APPROXIMATE PERFORMANCE CHART AT 2880 RPM, 200-240 VOLTS SINGLE PHASE / 380-415 Volts Three Phase, 50Hz, A.C. SUPPLY. Maximum Motor OD: 96.5mm & Pump OD: 98mm

OUTLET SIZE: 38mm TYPE OF FLOW: RADIAL

MODEL		MOTOR RATING		STAGE	HEAD IN METERS	DISCHARGE IN LPM						
OF	WF	kW	H.P.			0	31	48	68	85	100	112
VPO 5A	VP 5A	0.37	0.50	4		26	23	21	19	16	12	8
VPO 5A	VP 5A	0.55	0.75	6		39	35	32	29	24	18	12
VPO 5A	VP 5A	0.75	1.00	8		52	46	42	38	32	24	16
VPO 5A	VP 5A	0.75	1.00	10		65	58	53	48	40	30	20
VPO 5A	VP 5A	1.10	1.50	12		78	69	63	57	48	36	24
VPO 5A	VP 5A	1.50	2.00	17		111	98	89	81	68	51	34
VPO 5A	VP 5A	2.20	3.00	21		137	121	110	100	84	63	42
VPO 5A	VP 5A	2.20	3.00	25		163	144	131	119	100	76	50
	VP 5A	3.00	4.00	33		215	190	173	157	132	100	66
	VP 5A	3.70	5.00	38		248	219	200	181	152	115	76
	VP 5A	3.70	5.00	44		287	253	231	209	176	133	88
	VP 5A	5.50	7.50	52		339	299	273	247	208	157	104
	VP 5A	5.50	7.50	60		391	345	315	285	240	181	120

**V4-VP 8A**

**SUITABLE FOR 100mm BOREWELL OR ABOVE (Min. Bore Dia. 100mm)**

APPROXIMATE PERFORMANCE CHART AT 2880 RPM, 200-240 VOLTS SINGLE PHASE / 380-415 Volts Three Phase, 50Hz, A.C. SUPPLY. Maximum Motor OD: 96.5mm & Pump OD: 98mm

OUTLET SIZE: 50mm TYPE OF FLOW: RADIAL

MODEL		MOTOR RATING		STAGE	HEAD IN METERS	DISCHARGE IN LPM						
OF	WF	kW	H.P.			0	34	68	100	135	168	184
VPO 8A	VP 8A	0.75	1.00	5		30	28	25	23	21	16	12
VPO 8A	VP 8A	1.10	1.50	7		42	39	35	32	29	22	17
VPO 8A	VP 8A	1.50	2.00	10		60	55	50	46	41	31	24
VPO 8A	VP 8A	2.20	3.00	12		72	66	60	55	49	37	29
VPO 8A	VP 8A	2.20	3.00	15		90	83	75	69	62	47	36
VPO 8A	VP 8A	3.00	4.00	18		108	99	90	83	74	56	43
VPO 8A	VP 8A	3.70	5.00	21		126	116	105	97	86	65	50
VPO 8A	VP 8A	3.70	5.00	25		150	138	125	115	103	78	60
	VP 8A	5.50	7.50	30		180	166	150	138	123	93	72
	VP 8A	5.50	7.50	37		222	204	185	170	152	115	89
	VP 8A	7.50	10.00	44		264	243	220	202	180	136	106



**V5+V4 S S PUMP**

**SUITABLE FOR 100mm BOREWELL OR ABOVE (Min. Bore Dia. 100mm)**

APPROXIMATE PERFORMANCE CHART AT 2880 RPM, 200-240 VOLTS SINGLE PHASE / 380-415 Volts Three Phase, 50Hz, A.C. SUPPLY. Maximum Motor OD: 122mm & Pump OD: 98mm

OUTLET SIZE: 32mm TYPE OF FLOW: RADIAL

MODEL		MOTOR RATING		STAGE	HEAD IN METERS	DISCHARGE IN LPM						
WF	kW	H.P.	0			20	25	30	35	40	50	
VP 2A5	2.20	3.00	40		240	213	193	173	153	107	73	
VP 2A5	2.20	3.00	48		288	256	232	208	184	128	88	
VP 2A5	3.00	4.00	55		330	293	266	238	211	147	101	

OUTLET SIZE: 32mm TYPE OF FLOW: RADIAL

MODEL		MOTOR RATING		STAGE	HEAD IN METERS	DISCHARGE IN LPM						
WF	kW	H.P.	0			25	30	40	50	70	75	
VP 3A5	2.20	3.00	33		208	187	182	169	150	98	85	
VP 3A5	3.00	4.00	39		247	221	215	198	176	117	101	
VP 3A5	3.00	4.00	45		285	255	248	229	203	135	116	
VP 3A5	3.70	5.00	52		329	295	286	264	234	156	134	
VP 3A5	3.70	5.00	60		380	340	330	305	270	180	155	

OUTLET SIZE: 38mm TYPE OF FLOW: RADIAL

MODEL		MOTOR RATING		STAGE	HEAD IN METERS	DISCHARGE IN LPM						
WF	kW	H.P.	0			31	48	68	85	100	112	
VP 5A5	3.70	5.00	38		248	219	200	181	152	115	76	
VP 5A5	3.70	5.00	44		287	253	231	209	176	133	88	
VP 5A5	4.50	6.00	52		338	302	276	250	208	156	104	
VP 5A5	5.50	7.50	60		390	348	318	288	240	180	120	

OUTLET SIZE: 50mm TYPE OF FLOW: RADIAL

MODEL		MOTOR RATING		STAGE	HEAD IN METERS	DISCHARGE IN LPM						
WF	kW	H.P.	0			34	68	100	135	168	184	
VP 8A5	3.70	5.00	25		150	138	125	115	103	78	60	
VP 8A5	5.50	7.50	30		180	166	150	138	123	93	72	
VP 8A5	5.50	7.50	37		222	204	185	170	152	115	89	
VP 8A5	7.50	10.00	44		264	243	220	202	180	136	106	





**V6-VP 30 A**

**SUITABLE FOR 150mm BOREWELL OR ABOVE (Min. Bore Dia. 150mm)**

APPROXIMATE PERFORMANCE CHART AT 2880 RPM, 380-415 VOLTS THREE PHASE, 50 Hz. A.C. SUPPLY.  
Maximum Motor OD: 142mm & Pump OD: 142mm

OUTLET SIZE: 75mm

TYPE OF FLOW: MIXED

MODEL	MOTOR RATING		STAGE	HEAD IN METERS	DISCHARGE IN LPM						
	kW	H.P.			0	202	270	335	405	470	535
VP 30A	2.2	3.0	2	23	21	20	19	18	16	14	
VP 30A	3.0	4.0	3	34	32	30	28	27	24	21	
VP 30A	3.7	5.0	4	46	43	40	38	35	32	28	
VP 30A	3.7	5.0	5	57	54	50	47	44	40	35	
VP 30A	5.5	7.5	6	68	64	60	57	53	48	42	
VP 30A	5.5	7.5	7	80	75	71	66	62	57	49	
VP 30A	5.5	7.5	8	91	86	81	76	71	65	56	
VP 30A	7.5	10.0	9	103	96	91	85	80	73	63	
VP 30A	9.3	12.5	10	115	105	100	95	90	80	70	
VP 30A	9.3	12.5	11	127	116	110	105	99	88	77	
VP 30A	9.3	12.5	12	137	128	121	114	106	97	84	
VP 30A	11.0	15.0	12	137	128	121	114	106	97	84	
VP 30A	11.0	15.0	13	148	139	131	123	115	105	91	
VP 30A	13.0	17.5	14	161	147	140	133	126	112	98	
VP 30A	13.0	17.5	15	171	161	151	142	133	121	105	
VP 30A	15.0	20.0	16	184	168	160	152	144	128	112	
VP 30A	15.0	20.0	17	194	182	171	161	150	137	119	



**V6-VP 46 A**

**SUITABLE FOR 150mm BOREWELL OR ABOVE (Min. Bore Dia. 150mm)**

APPROXIMATE PERFORMANCE CHART AT 2880 RPM, 380-415 VOLTS THREE PHASE, 50 Hz. A.C. SUPPLY.  
Maximum Motor OD: 142mm & Pump OD: 147mm

OUTLET SIZE: 75mm (ON DEMAND CAN PROVIDE 100mm)

TYPE OF FLOW: MIXED

MODEL	MOTOR RATING		STAGE	HEAD IN METERS	DISCHARGE IN LPM								
	kW	H.P.			0	252	420	585	670	750	835	920	1000
VP 46A	3.0	4.0	2	27	25	23	21	19	18	16	13	11	
VP 46A	3.7	5.0	3	41	38	35	31	29	26	23	20	16	
VP 46A	4.5	6.0	3	41	38	35	31	29	26	23	20	16	
VP 46A	5.5	7.5	4	54	50	46	41	38	35	31	26	21	
VP 46A	7.5	10.0	5	68	63	58	52	48	44	39	33	26	
VP 46A	9.3	12.5	6	81	75	69	62	58	53	47	40	32	
VP 46A	9.3	12.5	7	95	88	81	72	67	61	54	46	37	
VP 46A	11.0	15.0	8	108	100	92	82	77	70	62	53	42	
VP 46A	13.0	17.5	9	122	113	104	93	86	79	70	59	47	
VP 46A	15.0	20.0	10	135	126	115	103	96	88	78	66	53	
VP 46A	18.5	25.0	12	162	151	138	124	115	105	93	79	63	
VP 46A	22.5	30.0	15	203	188	173	155	144	131	116	99	79	



**V6-VP 60 A**

**SUITABLE FOR 150mm BOREWELL OR ABOVE (Min. Bore Dia. 150mm)**

APPROXIMATE PERFORMANCE CHART AT 2880 RPM, 380-415 VOLTS THREE PHASE, 50 Hz. A.C. SUPPLY.  
Maximum Motor OD: 142mm & Pump OD: 147mm

OUTLET SIZE: 75mm (ON DEMAND CAN PROVIDE 100mm)

TYPE OF FLOW: MIXED

MODEL	MOTOR RATING		STAGE	HEAD IN METERS	DISCHARGE IN LPM							
	kW	H.P.			0	335	502	670	835	1000	1168	1300
VP 60A	3.7	5.0	2	29	27	24	21	18	16	12	8	
VP 60A	5.5	7.5	3	43	40	36	32	28	24	18	13	
VP 60A	7.5	10.0	4	57	53	48	42	37	32	25	17	
VP 60A	9.3	12.5	5	72	66	60	53	46	40	31	21	
VP 60A	11.0	15.0	6	86	80	72	64	55	47	37	25	
VP 60A	11.0	15.0	7	100	93	84	74	65	55	43	30	
VP 60A	13.0	17.5	7	100	93	84	74	65	55	43	30	
VP 60A	13.0	17.5	8	115	106	96	85	74	63	49	34	
VP 60A	15.0	20.0	8	115	106	96	85	74	63	49	34	
VP 60A	15.0	20.0	9	129	120	108	96	83	71	55	38	
VP 60A	18.5	25.0	10	143	133	121	106	92	79	61	42	
VP 60A	22.5	30.0	12	172	159	145	127	111	95	74	51	



**V8-VP 77 A**

**SUITABLE FOR 150mm BOREWELL OR ABOVE (Min. Bore Dia. 150mm)**

APPROXIMATE PERFORMANCE CHART AT 2880 RPM, 380-415 VOLTS THREE PHASE, 50 Hz. A.C. SUPPLY.  
Maximum Motor OD: 142mm & Pump OD: 180mm

OUTLET SIZE: 100mm

TYPE OF FLOW: MIXED

MODEL	MOTOR RATING		STAGE	HEAD IN METERS	DISCHARGE IN LPM								
	kW	H.P.			0	500	670	835	1000	1170	1335	1560	1670
VP 77A	3.0	4.00	1	21	19	18	16	15	13	12	10	7	
VP 77A	5.5	7.50	2	42	37	36	32	29	26	24	20	14	
VP 77A	7.5	10.00	3	63	56	54	48	44	39	36	30	21	
VP 77A	11.0	15.00	4	84	74	72	64	58	52	48	40	28	
VP 77A	15.0	20.00	5	105	93	90	80	73	65	60	50	35	
VP 77A	18.5	25.00	6	126	111	108	96	87	78	72	60	42	
VP 77A	22.0	30.00	7	147	130	126	112	102	91	84	70	49	
VP 77A	26.0	35.00	8	168	148	144	128	116	104	96	80	56	
VP 77A	30.0	40.00	10	210	185	180	160	145	130	120	100	70	
VP 77A	37.0	50.00	12	252	222	216	192	174	156	144	120	84	



**VP 95 A**

**SUITABLE FOR 150mm BOREWELL OR ABOVE (Min. Bore Dia. 150mm)**

APPROXIMATE PERFORMANCE CHART AT 2880 RPM, 380-415 VOLTS THREE PHASE, 50 Hz. A.C. SUPPLY.  
Maximum Motor OD: 142mm & Pump OD: 180mm

OUTLET SIZE: 100mm

TYPE OF FLOW: MIXED

MODEL	MOTOR RATING		STAGE	HEAD IN METERS	DISCHARGE IN LPM									
	kW	H.P.			0	835	1000	1170	1335	1500	1670	1835	2000	2035
VP 95A	3.7	5.00	1	23.0	17	16.5	15	14	13	12.5	10	7	6	
VP 95A	7.5	10.00	2	46	34	33	30	28	26	25	20	14	12	
VP 95A	11.0	15.00	3	69	51	50	45	42	39	38	30	21	18	
VP 95A	15.0	20.00	4	92	68	66	60	56	52	50	40	28	24	
VP 95A	18.5	25.00	5	115	85	83	75	70	65	63	50	35	30	
VP 95A	22.0	30.00	6	138	102	99	90	84	78	75	60	42	36	
VP 95A	26.0	35.00	7	161	119	116	105	98	91	88	70	49	42	
VP 95A	30.0	40.00	8	184	136	132	120	112	104	100	80	56	48	
VP 95A	37.0	50.00	9	207	153	149	135	126	117	113	90	63	54	

