



। जलमार्गेण समृद्धिः ।

Laxmi
POWER SAVER PUMPS

Laxmi
POWER SAVER PUMPS



*Experience
the Excellence*



Experience the Excellence



LADA, THE MOST ASPIRED SUBMERSIBLE PUMP BRAND

Established in 1991, Laxmi Pumps Private Limited has been producing a range of submersible pumps with great quality and excellent service. A name that shines in the market of submersible pumps is LADA Submersible Pumps. LADA is the brand under which our products are manufactured and marketed. As of today, Laxmi Pumps Pvt. Ltd. manufactures LADA Submersible Pumps exclusively.

Laxmi Pumps Private Limited is an ISO 9001:2015 company and has received an overwhelming appreciation across the nation for its premium quality pumps. The pumps are manufactured with unparalleled technology and efficient workforce due to which the company has earned the reputation of being the producers of the most reliable and energy efficient pumps.

Our team of industry experts and efficient engineers never hesitate to go the extra mile to create something new, offer 100% satisfactory products to the customers and take this business to new heights. We have always worked hard to deliver the products of the highest quality and novelty and we are glad to continue this tradition endlessly.

We focus on delivering energy efficient pumps that will have optimum performance and less power bill. With a veteran research and development team, we always look forward to presenting something groundbreaking all the time. We focus on making our product more user-friendly, which can undergo customization easily to cater your unique requirement. The company has established the highest standards to ensure the quality of the products, which have become the benchmark in the industry.

As a part of novelty, we have created a team of people that are responsible for the research and development of the products. The implementation of modern technologies like CAD software and flow simulation software further gives us an advantage. Along with that, we have seamlessly integrated IT infrastructure with ERP to ensure the streamlining of the manufacturing processes. The implementation of the cutting-edge management techniques like 5'S', Kanban, Kaizen etc. augments the production quality and makes us deliver products which are customer-centric.

As a leading submersible manufacturer, we believe an excellent quality product deserves a marketing strategy of the same mettle. With the help of our well-defined strategies, we have been successful in creating a strong presence in Maharashtra, Karnataka, Telangana, Kerala, and Andhra Pradesh. We have established a nexus of 500 dealers in Maharashtra alone which has made us one of the most sought-after brands.





Mr. Rajiv Patil

FROM M.D.'S DESK

With the expertise we have, we are able to produce efficient pumps that will not only have excellent performance but also reduce the energy consumption.

ETHICS AND VALUES

We strongly believe that a successful company runs on great ethics and values. We have always tried to follow the ethics and fulfill our promises to the customers, employees, dealers, distributors, and suppliers. We value the associations we have with every entity and individual and we never compromise on it. Our adherence to our ethics and values strengthens our patron's trust in us and we are proud to say that we will soon be the largest submersible pump manufacturer in India.

PEOPLE

When a team works in harmony and has a great rapport, then the success is inbound. At Lada Pumps, we are a close-knit team and always strive to maintain a healthy environment for the employees. We believe that our employees are the strong pillars of our success and deserve the best. Along with the employees, we have always tried to keep great relations with our suppliers. We make sure that they get necessary delivery and the payments on time. We have a deeply-rooted relation with dealers, suppliers and distributors and this bond strengthens the complete product life cycle from manufacturing to after-sales. That is why we always make sure that they get timely delivery of spare parts and of other services if needed. The expertise and experience of our people are the most valuable assets for us and we encourage them to be the best in their work.



MISSION

We design, manufacture & service energy efficient water pumps that provide lowest life cycle cost for agricultural, domestic, industrial & solar applications through expert team, customized solutions & firm commitment to high quality assurance while focusing on the growth of all the stakeholders.



VISION

Embracing a culture of excellence & integrity, Laxmi Pumps Pvt. Ltd. aspires to set new global benchmarks in water pumping solutions by providing the most energy efficient, high quality & reliable pumps that exceed customer expectations through relentless innovation, continuous improvement & delivering exceptional products & services that maximize value for all stakeholders & propel sustainable growth.



VALUES

Quality
Customer Focus
Service matters

WHY LADA?

For years, Lada has produced the pumps of excellent quality making it one of the most popular and trusted brands in the market. The unparalleled technology and highly reliable and energy efficient pumps have made Lada the most preferred brand. Let us see why people choose Lada. With our zeal for innovation, we strive to bring revolutionary changes in the products, which will offer optimum convenience to the customers.

- Less Power Consumption and Less Current Bill.
- Works efficiently at Low Voltage.
- Wide Range of Products.
- Complete In-house Manufacturing.
- Material of Superior quality standards used in manufacturing.
- Prompt & Quick After Sale Service.
- Expertise in Water Pumps Technology for past 40 years.
- Higher head and water discharge than market standards.



Energy Efficient Pumps

With the expertise we have, we are able to produce efficient pumps that will not only have excellent performance but also reduce the energy consumption.



Durable

A pump can only be durable if it is built with high-quality materials and supreme craftsmanship. Lada pumps are manufactured with the cutting-edge technology to last long. More importantly, the pumps can endure fluctuations in voltage and work under low voltage, which proves to be a great advantage for the customers using it in remote corners of India where most of the other pumps fail to deliver.



Complete In-house Manufacturing

Unlike most of the other submersible pump manufacturers, we believe that the product which is manufactured under one roof have high quality standards and are easy to cater to the customization requirements of the customer due to availability of efficient machinery, manpower and more importantly due to continuous stringent monitoring of pump quality and performance.



Punctual Service

People who have gone for Lada pumps have always applauded the prompt and timely service they received. Our team has always tried to deliver the pumps of excellent quality at a pre-determined time.



A Trusted Name

Lada Pumps has been recognized as one of the leading submersible pump manufacturers in the country. A brand that you can trust completely, a brand that offers you an association for a lifetime.



Power Saver Pump

If you are looking for products that consume less energy, then your search ends here. Being a company, which vehemently believes in creating energy conservation, we always work to create energy-efficient products so that there will be less power bill for the end-users. If we reduce the working cost of the pumps, it will eventually benefit our customers.



Customizable

We believe in flexibility and we know there are different design needs in different geographic areas. The innovative team in Lada Pumps enables tailoring of the products to the exclusive needs of our customers; this feature offers more flexibility and convenience to the end users.



Variety

You will get a number of options in pumps. There are different models available in different sizes offering a huge variety for you every time. Your unique requirement will be successfully handled at Lada Pumps.

QUALITY POLICY

Laxmi Pumps Pvt. Ltd. maintains a stringent quality policy in accordance with ISO 9001 standards across all stages of submersible pump operations, including design, marketing, manufacturing and servicing. Our commitment to quality assurance is underscored by continuous improvement practices through active involvement of employees and a customer-centric approach to ensure customer satisfaction and exceed expectations.

QUALITY OBJECTIVES

1. Ensure adherence to industry standards and regulations in all aspects of design, manufacturing, and servicing.
2. Continuously improve product quality & reliability through research, development, and innovation.
3. Reduce defects and rework by implementing robust quality control measures throughout the production process.
4. Enhance customer satisfaction by promptly addressing feedback, resolving issues, and exceeding expectations.
5. Optimize operational efficiency and resource utilization to deliver high-quality products and services cost-effectively.
6. Foster a culture of quality and accountability among employees through training, empowerment, & recognition.
7. Establish & maintain effective communication channels with suppliers, partners, & customers to ensure alignment with quality objectives & expectations.

CERTIFICATIONS



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V4 SLIM
SUBMERSIBLE PUMP

V4 SLIM SUBMERSIBLE PUMP

- Power Rating- 0.5 HP To 2.5 HP (Single Phase)
- Head Range- 5 Meters To 210 Meters
- Discharge Range- 55 To 15 LPM
- Working Voltage- Single Phase – 160 To 240 Volts, 50 Hz.
- Motor Diameter- 82 mm
- Rotor- Copper



Material of Construction -

Pump		Motor	
Impeller	Noryl	Stator	CRNO Stamping
Bowl / Diffuser	Noryl	Winding	Polyster Coated EC grade Copper
Bearing Bush	Nitrile Rubber	Bearing Bush	Carbon / LTB 4
Pump Shaft	SS 410	Motor Shaft	SS 410
Coupling	SS 410	Rotor	Copper / Aluminum
Pump Design	Jacket Type	Stator Tube	SS 304
		Thrust Pad Assly	3 Seg. Tilted

Operating Conditions for clear cold & fresh water

- Turbidity : 50 ppm max
- Chlorides : 500 ppm max
- Total Solids : 3000 ppm max
- PH : 6.5 to 8.5
- Temperature : 33°C max
- Voltage : 160 – 240 Volts 1 Ph

Applications

- 4” Undersize Borewells, Residential Apartments, Bungalows
- Commercial Complex, Multistorey Buildings.

Performance Conditions

- All performance data is based on the measured values of 50 Hz motor with constant speed 2880 rpm at Standard Voltage conditions. Performance will change on low voltages.
- All measurements are carried out with gas-free water of temperature of 20°C.
- The highlighted part of the performance table is best efficiency zone which can minimize electricity consumption & increase the life for submersible pump set.
- Only for clear cold & fresh water.

RADIAL FLOW SERIES

STANDARD PRODUCT LIST V4 - Slim Series (Single Phase)														
V4 Slim R2 Series							DISCHARGE IN LPM							
Sr	Model	H.P	Stage	K.W.	D.O.	% Effi.	25	30	35	40	45	50	55	60
1	E10 R2 0.5	0.5 1Ø	10	0.37	25	21	40	37	35	30	25	20	15	10
2	E15 R2 0.7	0.75 1Ø	15	0.55	25	22	60	56	52	45	37	30	22	15
3	E20 R2 1.0	1 1Ø	20	0.75	25	24	80	75	70	60	50	40	30	20
4	E25 R2 1.25	1.25 1Ø	25	0.93	25	25	100	94	87	75	62	50	37	25
5	E30 R2 1.5	1.5 1Ø	30	1.1	25	26	120	113	105	90	75	60	45	30
6	E40 R2 2.0	2.0 1Ø	40	1.5	25	27	160	150	140	120	100	80	60	40
7	E50 R2 2.5	2.5 1Ø	50	1.83	25	28	200	188	175	150	125	100	75	50



V4 RADIAL FLOW &
MIX FLOW
SUBMERSIBLE PUMP

V4 RADIAL FLOW & MIX FLOW SUBMERSIBLE PUMP

Power Rating-	0.5 HP To 5.0 HP (Single Phase) 1.0 HP To 7.5 HP (Three Phase)
Head Range-	9 Meters To 350 Meters.
Discharge Range-	420 To 15 LPM
Working Voltage-	Single Phase – 160 To 240 Volts, 50 Hz. Three Phase - 240 To 440 Volts, 50 Hz.
Motor Diameter-	96 mm
Rotor- Copper:	3 HP to 5 HP (Single Phase) 3 HP to 7.5 HP (Three Phase)
Aluminum:	0.5 HP to 2.5 HP (Single Phase) 1.0 HP to 2.5 HP (Three Phase)



Material of Construction -

Pump		Motor	
Impeller	Noryl	Stator	CRNO Stamping
Bowl / Diffuser	Noryl with SS Ring SS 202 / SS Jacket	Winding	Polyster Coated EC grade Copper
		Bearing Bush	Carbon / LTB 4
Bearing Bush	Nitrile Rubber	Shaft	SS 410 / SS 431
Shaft	SS 410	Rotor	Copper / Aluminum
Spline Coupling	SS 431	Stator Tube	SS 202 / SS 304
Pump Design	Tiffin Type / Jacket type for mix flow	Thrust Pad Assly	3 Seg / 4 Seg Premium

Operating Conditions for clear cold & fresh water

- Turbidity : 50 ppm max
- Chlorides : 500 ppm max
- Total Solids : 3000 ppm max
- PH : 6.5 to 8.5
- Temperature : 33°C max
- Voltage : 160 – 240 Volts 1 Ph

Applications

- Residential Apartments, Bungalows,
Commercial Complex, Multistorey Buildings,
Domestic Purpose, Agriculture.

Performance Conditions

- All performance data is based on the measured values of 50 Hz motor with constant speed 2880 rpm at Standard Voltage conditions. Performance will change on low voltages.
- All measurements are carried out with gas-free water of temperature of 20°C.
- The highlighted part of the performance table is best efficiency zone which can minimize electricity consumption & increase the life for submersible pump set.
- Only for clear cold & fresh water.

RADIAL FLOW SERIES

STANDARD PRODUCT LIST V4 - PS Series in 100 MM (Single Phase)

V4 PS1 Series							DISCHARGE IN LPM							
Sr	Model	H.P	Stage	K.W.	D.O.	% Effi.	15	20	25	35	40	50	55	65
8	A06 PS1 0.75	0.75 1Ø	6	0.55	25	23	42	39	33	30	27	21	18	15
9	A08 PS1 1.00	1.00 1Ø	8	0.75	25	26	56	52	44	40	36	28	24	20
10	A10 PS1 1.00	1.00 1Ø	10	0.75	25	26	70	65	55	50	45	35	30	25
11	A12 PS1 1.00	1.00 1Ø	12	0.75	25	26	84	78	66	60	54	42	36	30
12	A14 PS1 1.50	1.5 1Ø	14	1.1	25	27	98	91	77	70	63	49	42	35
13	A16 PS1 1.50	1.5 1Ø	16	1.1	25	27	112	104	88	80	72	56	48	40
14	A18 PS1 1.50	1.5 1Ø	18	1.1	25	28.5	126	117	99	90	81	63	54	45
15	A20 PS1 2.00	2.00 1Ø	20	1.5	25	29	140	130	110	100	90	70	60	50
16	A22 PS1 2.00	2.00 1Ø	22	1.5	25	29	154	143	121	110	99	77	66	55
17	A24 PS1 2.00	2.00 1Ø	24	1.5	38	29	168	156	132	120	108	84	72	60
18	A26 PS1 2.50	2.5 1Ø	26	1.83	38	30	182	169	143	130	117	91	78	65
19	A28 PS1 3.00	3.00 1Ø	28	2.2	38	30	196	182	154	140	126	98	84	70
20	A30 PS1 3.00	3.00 1Ø	30	2.2	38	30	210	195	165	150	135	105	90	75
21	A32 PS1 3.00	3.00 1Ø	32	2.2	38	30	224	208	176	160	144	112	96	80
22	A34 PS1 3.00	3.00 1Ø	34	2.2	38	30	238	221	187	170	153	119	102	85
23	A36 PS1 3.00	3.00 1Ø	36	2.2	38	30	252	234	198	180	162	126	108	90
24	A40 PS1 3.00	3.00 1Ø	40	2.2	38	30	280	260	220	200	180	140	120	100
25	A50 PS1 5.00	5.00 1Ø	50	3.7	38	30	350	325	275	250	225	175	150	125
V4 PS2 Series							DISCHARGE IN LPM							
Sr	Model	H.P	Stage	K.W.	D.O.	% Effi.	10	15	20	30	35	45	50	60
26	A08 PS2 0.5	0.5 1Ø	8	0.37	25	26	56	52	44	40	36	28	24	20
27	A10 PS2 0.75	0.75 1Ø	10	0.55	25	26	70	65	55	50	45	35	30	25
28	A12 PS2 0.85	0.85 1Ø	12	0.63	25	26	84	78	66	60	54	42	36	30
29	A14 PS2 1.00	1.0 1Ø	14	0.75	25	27	98	91	77	70	63	49	42	35
30	A16 PS2 1.00	1.0 1Ø	16	0.75	25	27	112	104	88	80	72	56	48	40
31	A20 PS2 1.50	1.5 1Ø	20	1.1	25	29	140	130	110	100	90	70	60	50
32	A24 PS2 1.50	1.5 1Ø	24	1.1	38	29	168	156	132	120	108	84	72	60
33	A26 PS2 2.00	2.0 1Ø	26	1.5	38	30	182	169	143	130	117	91	78	65
34	A30 PS2 2.50	2.5 1Ø	30	1.83	38	30	210	195	165	150	135	105	90	75
V4 PS3 Series							DISCHARGE IN LPM							
Sr	Model	H.P	Stage	K.W.	D.O.	% Effi.	40	45	50	60	65	70	80	85
35	A08 PS3 1.0	1.0 1Ø	8	0.75	38	28	56	52	44	40	36	28	24	20
36	A12 PS3 1.5	1.5 1Ø	12	1.1	38	29	84	78	66	60	54	42	36	30
37	A14 PS3 2.0	2.0 1Ø	14	1.5	38	31	98	91	77	70	63	49	42	35
38	A16 PS3 2.0	2.0 1Ø	16	1.5	38	31	112	104	88	80	72	56	48	40
39	A20 PS3 3.0	3.0 1Ø	20	2.2	38	33	140	130	110	100	90	70	60	50
40	A24 PS3 3.0	3.0 1Ø	24	2.2	38	33	168	156	132	120	108	84	72	60
41	A36 PS3 5.0	5.0 1Ø	36	3.7	38	34	252	234	180	180	162	126	108	90
42	A40 PS3 5.0	5.0 1Ø	40	3.7	38	34	280	260	200	200	180	140	120	100

RADIAL FLOW SERIES

STANDARD PRODUCT LIST V4 - PS Series in 100 MM (Single Phase)														
V4 PS4 Series							DISCHARGE IN LPM							
Sr	Model	H.P	Stage	K.W.	D.O.	% Effi.	30	40	50	60	70	80	85	90
43	A15 PS4 1.50	1.5 1Ø	15	1.1	38	30	82.5	75	67.5	60	52.5	45	37.5	30
44	A19 PS4 2.00	2.0 1Ø	19	1.5	38	31	105	95	85.5	76	66.5	57	47.5	38
45	A20 PS4 2.00	2.0 1Ø	20	1.5	38	31	110	100	90	80	70	60	50	40
46	A25 PS4 3.00	3.0 1Ø	25	2.2	38	34	138	125	113	100	87.5	75	62.5	50
47	A30 PS4 3.00	3.0 1Ø	30	2.2	38	34	165	150	135	120	105	90	75	60
48	A40 PS4 5.00	5.0 1Ø	40	3.7	38	35	220	200	180	160	140	120	100	80
49	A45 PS4 5.00	5.0 1Ø	45	3.7	38	35	248	225	203	180	158	135	113	90
50	A50 PS4 5.00	5.0 1Ø	50	3.7	38	35	275	250	225	200	175	150	125	100
V4 PS5 Series							DISCHARGE IN LPM							
Sr	Model	H.P	Stage	K.W.	D.O.	% Effi.	50	60	80	90	110	120	130	140
51	A10 PS5 1.5	1.5 1Ø	10	1.1	38	30	55	50	45	40	35	30	25	20
52	A12 PS5 2.0	2.0 1Ø	12	1.5	38	32	66	60	54	48	42	36	30	24
53	A19 PS5 3.0	3.0 1Ø	19	2.2	38	35	105	95	85.5	76	66.5	57	47.5	38
54	A30 PS5 5.0	5.0 1Ø	30	3.7	38	36	165	150	135	120	105	90	75	60
V4 PS7 Series							DISCHARGE IN LPM							
Sr	Model	H.P	Stage	K.W.	D.O.	% Effi.	60	80	100	120	130	140	150	170
55	A05 PS7 1.00	1.0 1Ø	5	0.75	38	30	30	27.5	25	22.5	20	17.5	15	12.5
56	A07 PS7 1.50	1.5 1Ø	7	1.1	38	32	42	38.5	35	31.5	28	24.5	21	17.5
57	A10 PS7 2.00	2.0 1Ø	10	1.5	38	34	60	55	50	45	40	35	30	25
58	A12 PS7 3.00	3.0 1Ø	12	2.2	38	36	72	66	60	54	48	42	36	30
59	A15 PS7 3.00	3.0 1Ø	15	2.2	38	36	90	82.5	75	67.5	60	52.5	45	37.5
60	A25 PS7 5.00	5.0 1Ø	25	3.7	38	36	150	138	125	113	100	87.5	75	62.5

RADIAL FLOW SERIES

STANDARD PRODUCT LIST V4 - MR Series (Single Phase)														
V4 MR1 Series 1 Ph							DISCHARGE IN LPM							
Sr	Model	H.P	Stage	K.W.	D.O.	% Effi.	15	20	25	35	40	50	55	65
61	A08 MR1 0.5	0.5 1Ø	8	0.37	25	22	56	52	44	40	36	28	24	20
62	A10 MR1 0.75	0.75 1Ø	10	0.55	25	23	70	65	55	50	45	35	30	25
63	A12 MR1 0.85	0.85 1Ø	12	0.63	25	25	84	78	66	60	54	42	36	30
64	A14 MR1 1.0	1.00 1Ø	14	0.75	25	31	98	91	77	70	63	49	42	35
65	A17 MR1 1.25	1.25 1Ø	17	0.93	32	28	119	111	93.5	85	76.5	59.5	51	42.5
66	A20 MR1 1.50	1.50 1Ø	20	1.1	32	32	140	130	110	100	90	70	60	50
67	A24 MR1 2.00	2.00 1Ø	24	1.5	38	34	168	156	132	120	108	84	72	60
68	A26 MR1 2.00	2.00 1Ø	26	1.5	38	34	182	169	143	130	117	91	78	65
69	A30 MR1 2.50	2.50 1Ø	30	1.83	38	35	210	195	165	150	135	105	90	75

RADIAL FLOW SERIES

STANDARD PRODUCT LIST V4 PS-T Series (Three Phase)														
V4 PS1-T SERIES							DISCHARGE IN LPM							
Sr	Model	H.P	Stage	K.W.	D.O.	% Effi.	15	20	25	35	40	50	55	60
70	A12 PS1-T 1.00	1.0 3Ø	12	0.75	25	28	84	78	66	60	54	42	36	30
71	A14 PS1-T 1.50	1.5 3Ø	14	1.1	25	29	98	91	77	70	63	49	42	35
72	A16 PS1-T 1.50	1.5 3Ø	16	1.1	25	29	112	104	88	80	72	56	48	40
73	A18 PS1-T 1.50	1.5 3Ø	18	1.1	25	30	126	117	99	90	81	63	54	45
74	A20 PS1-T 2.00	2.0 3Ø	20	1.5	25	30	140	130	110	100	90	70	60	50
75	A24 PS1-T 2.00	2.0 3Ø	24	1.5	38	32	168	156	132	120	108	84	72	60
76	A26 PS1-T 2.00	2.0 3Ø	26	1.5	38	32	182	169	143	130	117	91	78	65
77	A28 PS1-T 3.00	3.0 3Ø	28	2.2	38	37	196	182	154	140	126	98	84	70
78	A30 PS1-T 3.00	3.0 3Ø	30	2.2	38	37	210	195	165	150	135	105	90	75
79	A32 PS1 -T3.00	3.0 3Ø	32	2.2	38	37	224	208	176	160	144	112	96	80
80	A34 PS1-T 3.00	3.0 3Ø	34	2.2	38	37	238	221	187	170	153	119	102	85
81	A36 PS1-T 3.00	3.0 3Ø	36	2.2	38	37	252	234	198	180	162	126	108	90
82	A40 PS1-T 3.00	3.0 3Ø	40	2.2	38	37	280	260	220	200	180	140	120	100
83	A50 PS1-T 5.00	5.0 3Ø	50	3.7	38	38	350	325	275	250	225	175	150	125
V4 PS3-T Series							DISCHARGE IN LPM							
Sr	Model	H.P	Stage	K.W.	D.O.	% Effi.	40	45	50	60	65	70	80	85
84	A08 PS3-T 1.00	1.0 3Ø	8	0.75	38	31	56	52	44	40	36	28	24	20
85	A12 PS3-T 1.50	1.5 3Ø	12	1.1	38	33	84	78	66	60	54	42	36	30
86	A14 PS3-T 2.00	2.0 3Ø	14	1.5	38	36	98	91	77	70	63	49	42	35
87	A16 PS3-T 2.00	2.0 3Ø	16	1.5	38	36	112	104	88	80	72	56	48	40
88	A20 PS3-T 3.00	3.0 3Ø	20	2.2	38	37	140	130	110	100	90	70	60	50
89	A24 PS3-T 3.00	3.0 3Ø	24	2.2	38	37	168	156	132	120	108	84	72	60
90	A28 PS3-T 4.00	4.0 3Ø	28	3	38	37	196	182	154	140	126	98	84	70
91	A32 PS3-T 4.00	4.0 3Ø	32	3	38	37	224	208	176	160	144	112	96	80
92	A36 PS3-T 5.00	5.0 3Ø	36	3.7	38	38	252	234	198	180	162	126	108	90
93	A40 PS3-T 5.00	5.0 3Ø	40	3.7	38	38	280	260	220	200	180	140	120	100
94	A44 PS3-T 6.00(K)	6.0 3Ø	44	4.5	38	38	308	286	242	220	198	154	132	110
95	A48 PS3-T 6.00(K)	6.0 3Ø	48	4.5	38	38	336	312	264	240	216	168	144	120
V4 PS4-T Series							DISCHARGE IN LPM							
Sr	Model	H.P	Stage	K.W.	D.O.	% Effi.	30	40	50	60	70	80	85	90
96	A15 PS4-T 1.50	1.5 3Ø	15	1.1	38	34	82	75	67	60	52	45	37	30
97	A19 PS4-T 2.00	2.0 3Ø	19	1.5	38	36	105	95	85	76	66	57	47	38
98	A20 PS4-T 2.00	2.0 3Ø	20	1.5	38	36	110	100	90	80	70	60	50	40
99	A22 PS4-T 3.00	3.0 3Ø	22	2.2	38	38	121	110	99	88	77	66	55	44
100	A25 PS4-T 3.00	3.0 3Ø	25	2.2	38	38	138	125	113	100	87	75	62	50
101	A27 PS4-T 3.00	3.0 3Ø	27	2.2	38	38	149	135	122	108	94	81	67	54
102	A30 PS4-T 3.00	3.0 3Ø	30	2.2	38	38	165	150	135	120	105	90	75	60
103	A35 PS4-T 4.00	4.0 3Ø	35	3	38	38	193	175	158	140	123	105	87	70
104	A40 PS4-T 5.00	5.0 3Ø	45	3.7	38	39	220	200	180	160	140	120	100	80
105	A45 PS4-T 5.00	5.0 3Ø	45	3.7	38	39	248	225	203	180	158	135	113	90
106	A50 PS4-T 5.00	5.0 3Ø	50	3.7	38	39	275	250	225	200	175	150	125	100

RADIAL FLOW SERIES

STANDARD PRODUCT LIST V4 PS-T Series (Three Phase)														
V4 PS5-T SERIES							DISCHARGE IN LPM							
Sr	Model	H.P	Stage	K.W.	D.O.	% Effi.	50	60	80	90	110	120	130	140
107	A10 PS5-T 1.50	1.5 3Ø	10	1.1	38	35	55	50	45	40	35	30	25	20
108	A12 PS5-T 2.00	2.0 3Ø	12	1.5	38	37	66	60	54	48	42	36	30	24
109	A19 PS5-T 3.00	3.0 3Ø	19	2.2	38	39	105	95	85.5	76	66.5	57	47.5	38
110	A25 PS5-T 4.00	4.0 3Ø	25	3	38	39	138	125	113	100	87.5	75	62.5	50
111	A30 PS5-T 5.00	5.0 3Ø	30	3.7	38	42	165	150	135	120	105	90	75	60
112	A36 PS5-T 6.00(K)	6.0 3Ø	36	4.5	38	39	192	180	162	144	126	108	90	72
113	A40 PS5-T 6.00(K)	6.0 3Ø	40	4.5	38	39	220	200	180	160	140	120	100	80
114	A45 PS5-T 7.50(K)	7.5 3Ø	45	5.5	38	42	248	225	203	180	158	135	113	90
V4 PS7-T SERIES							DISCHARGE IN LPM							
Sr	Model	H.P	Stage	K.W.	D.O.	% Effi.	60	80	100	120	130	140	150	170
115	A05 PS7-T 1.00	1.0 3Ø	5	0.75	38	33	30	27	25	22	20	17	15	12
116	A07 PS7-T 1.50	1.5 3Ø	7	1.1	38	36	42	38	35	31	28	24	21	17
117	A10 PS7-T 2.00	2.0 3Ø	10	1.5	38	39	60	55	50	45	40	35	30	25
118	A12 PS7-T 3.00	3.0 3Ø	12	2.2	38	42	72	66	60	54	48	42	36	30
119	A15 PS7-T 3.00	3.0 3Ø	15	2.2	38	42	90	82	75	67.5	60	52	45	37
120	A19 PS7-T 4.00	4.0 3Ø	19	3	38	42	114	104	95	85	76	66	57	47
121	A22 PS7-T 5.00	5.0 3Ø	22	3.7	38	43	132	121	110	99	88	77	66	55
122	A25 PS7-T 5.00	5.0 3Ø	25	3.7	38	43	150	138	125	112.5	100	87	75	62
123	A30 PS7-T 6.00(K)	6.0 3Ø	30	4.5	38	42	180	165	150	135	120	105	90	75
124	A32 PS7-T 6.00(K)	6.0 3Ø	32	4.5	38	42	192	176	160	144	128	112	96	80
125	A38 PS7-T 7.50(K)	7.5 3Ø	38	5.5	38	43	228	209	190	171	152	133	114	95
126	A40 PS7-T 7.50(K)	7.5 3Ø	40	5.5	38	43	240	220	200	180	160	140	120	100

MIX FLOW SERIES

STANDARD PRODUCT LIST V4 PSM Series in 100 MM (Single Phase)

V4 PSM12 Series 1 Ph							DISCHARGE IN LPM							
Sr	Model	H.P	Stage	K.W.	D.O.	% Effi.	60	80	130	160	180	190	210	230
127	A08 PSM12 2.0	2.0 1Ø	8	1.5	50	35	48	44	40	36	32	28	24	20
128	A10 PSM12 3.0	3.0 1Ø	10	2.2	50	37	60	55	50	45	40	35	30	25
129	A12 PSM12 3.0	3.0 1Ø	12	2.2	50	37	72	66	60	54	48	42	36	30
130	A18 PSM12 5.0	5.0 1Ø	18	3.7	50	39	108	99	90	81	72	63	54	45
131	A20 PSM12 5.0	5.0 1Ø	20	3.7	50	39	120	110	100	90	80	70	60	50
V4 PSM18 Series 1 Ph							DISCHARGE IN LPM							
Sr	Model	H.P	Stage	K.W.	D.O.	% Effi.	110	150	180	230	270	330	360	420
132	A06 PSM18 2.0	2.0 1Ø	6	1.5	50	38	27	25	24	21	18	15	12	9
133	A08 PSM18 3.0	3.0 1Ø	8	2.2	50	42	36	34	32	28	24	20	16	12
134	A14 PSM18 5.0	5.0 1Ø	14	3.7	50	33	63	59	56	49	42	35	28	21

STANDARD PRODUCT LIST V4 PSM Series in 100 MM (Three Phase)

V4 PSM12-T SERIES							DISCHARGE IN LPM							
Sr	Model	H.P	Stage	K.W.	D.O.	% Effi.	60	80	130	160	180	190	210	230
135	A10 PSM12-T 3.0	3.0 3Ø	10	2.2	50	42	60	55	50	45	40	35	30	25
136	A12 PSM12-T 3.0	3.0 3Ø	12	2.2	50	42	72	66	60	54	48	42	36	30
137	A18 PSM12-T 5.0	5.0 3Ø	18	3.7	50	43	108	99	90	81	72	63	54	45
138	A20 PSM12-T 5.0	5.0 3Ø	20	3.7	50	43	120	110	100	90	80	70	60	50
139	A24 PSM12-T 6.0(K)	6.0 3Ø	24	4.5	50	45	144	132	120	108	96	84	72	60
140	A30 PSM12-T 7.5(K)	7.5 3Ø	30	5.5	50	46	180	165	150	135	120	105	90	75
V4 PSM18-T SERIES							DISCHARGE IN LPM							
Sr	Model	H.P	Stage	K.W.	D.O.	% Effi.	110	150	180	230	270	330	360	420
141	A08 PSM18-T 3.0	3.0 3Ø	8	2.2	50	43	36	34	32	28	24	20	16	12
142	A14 PSM18-T 5.0	5.0 3Ø	14	3.7	50	45	63	59.5	56	49	42	35	28	21
143	A17 PSM18-T 6.0(K)	6.0 3Ø	17	4.5	50	46	76	72	68	59	51	42	34	25
144	A20 PSM18-T 7.5(K)	7.5 3Ø	20	5.5	50	47	90	85	80	70	60	50	40	30



100 MM V4 OIL FILLED
SUBMERSIBLE PUMP



100 MM V4 OIL FILLED SUBMERSIBLE PUMP

- Product Range- 1.0 HP To 2.0 HP (Single Phase)
- Head Range- 12 Meters To 182 Meters.
- Discharge Range- 170 To 15 LPM
- Working Voltage- Single Phase – 160 To 240 Volts, 50 Hz.



Material of Construction -

Pump		Motor	
Impeller	Noryl GFN3	Stator	CRNO Stamping
Bowl / Diffuser	Noryl GFN3	Winding	Enamle Coating Oil filled
Bearing Bush	Nitrile Rubber	Ball Bearing	Double Z Type SKF
Pump Shaft	SS 410	Motor Shaft	SS 431, Nema Std.
Coupling	SS 410 Nema Std.	Rotor	Alluminum
Pump Design	Tifin Type	Stator Tube	SS 202 / SS 304

Operating Conditions for clear cold & fresh water

- Turbidity : 50 ppm max
- Chlorides : 500 ppm max
- Total Solids : 3000 ppm max
- PH : 6.5 to 8.5
- Temperature : 33°C max
- Voltage : 160 – 240 Volts 1 Ph

Applications

- 4" & 6" Borewells, Residential Apartments, Commercial Complex, Multistorey Buildings, Bungalows.

Performance Conditions

- All performance data is based on the measured values of 50 Hz motor with constant speed 2880 rpm at Standard Voltage conditions. Performance will change on low voltages.
- All measurements are carried out with gas-free water of temperature of 20°C.
- The highlighted part of the performance table is best efficiency zone which can minimize electricity consumption & increase the life for submersible pumpset.
- Only for clear cold & fresh water.
- Can operate vertically or horizontally.

STANDARD PRODUCT LIST V4 IN 100 MM OIL FILLED

V4 Motor Max OD 96 mm 1 Ph 220 Volts, 50Hz							Pump with Noryl Diffuser & Impellers							
V4 OR1 Series							DISCHARGE IN LPM							
Sr	Model	H.P	Stage	K.W.	D.O.	% Effi.	15	20	25	35	40	50	55	65
145	A08 OR1 1.0	1	8	0.75	25	26	56	52	44	40	36	28	24	20
146	A10 OR1 1.0	1	10	0.75	25	26	70	65	55	50	45	35	30	25
147	A12 OR1 1.0	1	12	0.75	25	26	84	78	66	60	54	42	36	30
148	A18 OR1 1.5	1.5	18	1.1	25	28	126	117	99	90	81	63	54	45
149	A24 OR1 2.0	2	24	1.5	38	29	168	156	132	120	108	84	72	60
V4 OR2 Series							DISCHARGE IN LPM							
Sr	Model	H.P	Stage	K.W.	D.O.	% Effi.	10	15	20	30	35	45	50	60
150	A14 OR2 1.0	1	14	0.75	25	27	98	91	77	70	63	49	42	35
151	A16 OR2 1.0	1	16	0.75	25	27	112	104	88	80	72	56	48	40
152	A20 OR2 1.5	1.5	20	1.1	25	29	140	130	110	100	90	70	60	50
153	A24 OR2 1.5	1.5	24	1.1	38	29	168	156	132	120	108	84	72	60
154	A26 OR2 2.0	2	26	1.5	38	30	182	169	143	130	117	91	78	65
V4 OR3 Series							DISCHARGE IN LPM							
Sr	Model	H.P	Stage	K.W.	D.O.	% Effi.	40	45	50	60	65	70	80	85
155	A08 OR3 1.0	1	8	0.75	38	28	56	52	44	40	36	28	24	20
156	A12 OR3 1.5	1.5	12	1.1	38	29	84	78	66	60	54	42	36	30
157	A16 OR3 2.0	2	16	1.5	38	31	112	104	88	80	72	56	48	40
V4 OR4 Series							DISCHARGE IN LPM							
Sr	Model	H.P	Stage	K.W.	D.O.	% Effi.	30	40	50	60	70	80	85	90
158	A15 OR4 1.5	1.5	15	1.1	38	30	82	75	67	60	52	45	37	30
159	A19 OR4 2.0	2	19	1.5	38	31	105	95	85	76	66	57	47	38
160	A20 OR4 2.0	2	20	1.5	38	31	110	100	90	80	70	60	50	40
V4 OR5 Series							DISCHARGE IN LPM							
Sr	Model	H.P	Stage	K.W.	D.O.	% Effi.	50	60	80	90	110	120	130	140
161	A10 OR5 1.5	1.5	10	1.1	38	32	55	50	45	40	35	30	25	20
162	A12 OR5 2.0	2	12	1.5	38	32	66	60	54	48	42	36	30	24
V4 OR7 Series							DISCHARGE IN LPM							
Sr	Model	H.P	Stage	K.W.	D.O.	% Effi.	60	80	100	120	130	140	150	170
163	A05 OR7 1.0	1	5	0.75	38	30	30	27	25	22	20	17	15	12
164	A07 OR7 1.5	1.5	7	1.1	38	32	42	38	35	31	28	24	21	17
165	A10 OR7 2.0	2	10	1.5	38	34	60	55	50	45	40	35	30	25



V4 X V4, V5 X V4 SS
SUBMERSIBLE PUMP

V4 X V4, V5 X V4 SS SUBMERSIBLE PUMP

Power Rating-	1.5 HP To 2.0 HP (Single Phase) 3.0 HP To 7.5 HP (Three Phase)
Head Range-	37 Meters To 330 Meters.
Discharge Range-	200 To 20 LPM
Working Voltage-	Single Phase – 160 To 240 Volts, 50 Hz. Three Phase – 240 To 440 Volts, 50 Hz.
Motor Diameter-	96 mm (1.5 to 5HP) 118 mm (6 to 7.5HP)
Rotor - Copper:	3 HP TO 7.5 HP
Aluminum:	1.5 HP TO 2 HP



Material of Construction -

Pump		Motor	
Impeller	SS Fabricated	Stator	CRNO Stamping
Bowl / Diffuser	SS 304	Winding	Polyster Coated EC grade Copper
Bearing Bush	Nitrile Rubber	Bearing Bush	Carbon / LTB 4
Shaft	SS 410	Shaft	SS 410 / SS 431
Spline Coupling	SS 431	Rotor	Copper / Alluminum
Pump Design	Tifin Type	Stator Tube	SS 202 / SS 304
		Thrust Pad Assly	4 Seg Premium

Operating Conditions for clear cold & fresh water

- Turbidity : 50 ppm max
- Chlorides : 500 ppm max
- Total Solids : 3000 ppm max
- PH : 6.5 to 8.5
- Temperature : 33°C max
- Voltage : 160 – 240 Volts 1 Ph
240 – 440 Volts 3 Ph

Applications

- 4" & 6" Borewells, Residential Apartments, Commercial Complex, Multistorey Buildings, Bungalows, Agriculture Purpose. Drip & Sprinkler systems.

Performance Conditions

- All performance data is based on the measured values of 50 Hz motor with constant speed 2880 rpm at Standard Voltage conditions. Performance will change on low voltages.
- All measurements are carried out with gas-free water of temperature of 20°C.
- The highlighted part of the performance table is best efficiency zone which can minimize electricity consumption & increase the life for submersible pumpset.
- Only for clear cold & fresh water.

V4 SS MODELS 4x4

STANDARD PRODUCT LIST V4 :- SS Models 4x4														
V4 SR2 Series 4x4							DISCHARGE IN LPM							
Sr	Model	H.P	Stage	K.W.	D.O.	% Effi.	20	30	40	50	60	65	70	80
166	A20 SR2 1.50	1.50 1Ø	20	1.1	32	29	100	90	80	70	60	50	40	30
167	A30 SR2 2.00	2.00 1Ø	30	1.5	32	30	150	135	120	105	90	75	60	45
V4 SR3 Series 4x4							DISCHARGE IN LPM							
Sr	Model	H.P	Stage	K.W.	D.O.	% Effi.	15	20	25	30	40	60	70	90
168	A25 SR3 2.00	2.00 1Ø	25	1.5	32	31	137	125	112	100	87	75	50	37
V4 SR4 Series 4x4							DISCHARGE IN LPM							
Sr	Model	H.P	Stage	K.W.	D.O.	% Effi.	50	70	80	90	100	110	120	125
169	A20 SR4 2.00	2.00 1Ø	20	1.5	32	30	100	90	80	70	60	50	40	30
170	A25 SR4 3.00	3.00 3Ø	25	2.2	32	36	125	113	100	87	75	62	50	37
171	A38 SR4 5.0	5.00 3Ø	38	3.7	38	37	190	171	152	133	114	95	76	57
172	A40 SR4 5.0	5.00 3Ø	40	3.7	38	37	200	180	160	140	120	100	80	60

V5 SR SERIES 5x4 SS PUMPS

STANDARD PRODUCT LIST V5 SR Series 5x4 SS Pumps														
V5 SR4 SERIES							DISCHARGE IN LPM							
Sr	Model	H.P	Stage	K.W.	D.O.	% Effi.	50	70	80	90	100	110	120	125
173	D44 SR4 6.0	6	44	4.5	38	44	220	198	176	154	132	110	88	66
174	D48 SR4 6.0	6	48	4.5	38	44	240	216	192	168	144	120	96	72
175	D52 SR4 7.5	7.5	52	5.5	38	46	260	234	208	182	156	130	104	78
176	D56 SR4 7.5	7.5	56	5.5	38	46	280	252	224	196	168	140	112	84
177	D60 SR4 7.5	7.5	60	5.5	38	46	300	270	240	210	180	150	120	90
V5 SR7 Series							DISCHARGE IN LPM							
Sr	Model	H.P	Stage	K.W.	D.O.	% Effi.	40	60	90	110	130	180	190	200
178	D30 SR7 6.0	6	30	4.5	38	43	165	150	135	120	105	90	75	60
179	D40 SR7 7.5	7.5	40	5.5	38	45	220	200	180	160	140	120	100	80



V5 RADIAL FLOW SUBMERSIBLE PUMP

V5 RADIAL FLOW SUBMERSIBLE PUMP

- Power Rating- 3.0 HP To 7.5 HP (Three Phase)
- Head Range- 12 Meters To 380 Meters.
- Discharge Range- 325 To 10 LPM
- Working Voltage- Three Phase – 240 To 440 Volts, 50 Hz
- Motor Diameter- 118 mm
- Rotor- Copper



Material of Construction -

Pump		Motor	
Impeller	Noryl	Stator	CRNO Stamping
Bowl / Diffuser	Noryl with SS Ring SS 304	Winding	Polyster Coated EC grade Copper
Bearing Bush	Nitrile Rubber	Bearing Bush	Carbon / LTB 4
Shaft	SS 410	Shaft	SS 410 / SS 431
Spline Coupling	SS 431	Rotor	Copper
Pump Design	Tiffin Type	Stator Tube	SS 202 / SS 304
		Thrust Pad Assly	4 Seg Premium

Operating Conditions for clear cold & fresh water

- Turbidity : 50 ppm max
- Chlorides : 500 ppm max
- Total Solids : 3000 ppm max
- PH : 6.5 to 8.5
- Temperature : 33°C max
- Voltage : 240 – 440 Volts 3 Ph

Applications

- 4" & 6" Borewells, Residential Apartments, Commercial Complex, Multistorey Buildings, Bungalows, Agriculture Purpose. Drip & Sprinkler systems.

Performance Conditions

- All performance data is based on the measured values of 50 Hz motor with constant speed 2880 rpm at Standard Voltage conditions. Performance will change on low voltages.
- All measurements are carried out with gas-free water of temperature of 20°C.
- The highlighted part of the performance table is best efficiency zone which can minimize electricity consumption & increase the life for submersible pumpset.
- Only for clear cold & fresh water.

RADIAL FLOW SERIES

STANDARD PRODUCT LIST V5 125 MM														
V5 R1 Series							DISCHARGE IN LPM							
Sr	Model	H.P	Stage	K.W.	D.O.	% Effi.	20	30	35	40	45	55	70	80
180	D18 R1 3.0	3	18	2.2	38	35	144	135	126	117	108	90	72	54
181	D30 R1 5.0	5	30	3.7	38	36	240	225	210	195	180	150	120	90
182	D36 R1 6.0	6	36	4.5	38	37	288	270	252	234	216	180	144	108
183	D45 R1 7.5	7.5	45	5.5	38	38	360	338	315	293	270	225	180	135
V5 R4 SERIES							DISCHARGE IN LPM							
Sr	Model	H.P	Stage	K.W.	D.O.	% Effi.	40	60	70	80	90	100	120	130
184	D12 R4 3.0	3	12	2.2	38	40	108	102	96	90	84	78	72	60
185	D20 R4 5.0	5	20	3.7	38	41	180	170	160	150	140	130	120	100
186	D24 R4 6.0	6	24	4.5	38	42	216	204	192	180	168	156	144	120
187	D30 R4 7.5	7.5	30	5.5	38	43	270	255	240	225	210	195	180	150
V5 R7 SERIES							DISCHARGE IN LPM							
Sr	Model	H.P	Stage	K.W.	D.O.	% Effi.	50	70	90	120	140	150	160	170
188	D10 R7 3.0	3	10	2.2	38	42	75	70	65	60	55	50	45	40
189	D16 R7 5.0	5	16	3.7	38	43	120	112	104	96	88	80	72	64
190	D20 R7 6.0	6	20	4.5	38	44	150	140	130	120	110	100	90	80
191	D25 R7 7.5	7.5	25	5.5	38	46	188	175	163	150	138	125	113	100
V5 R10 SERIES							DISCHARGE IN LPM							
Sr	Model	H.P	Stage	K.W.	D.O.	% Effi.	100	140	150	180	200	220	230	240
192	D08 R10 3.0	3	8	2.2	50	41	56	52	48	44	40	36	32	24
193	D12 R10 5.0	5	12	3.7	50	42	84	78	72	66	60	54	48	36
194	D15 R10 6.0	6	15	4.5	50	43	105	97	90	82	75	67.5	60	45
195	D18 R10 7.5	7.5	18	5.5	50	45	126	117	108	99	90	81	72	54
196	D20 R10 7.5	7.5	20	5.5	50	45	140	130	120	110	100	90	80	60
V5 R12 SERIES							DISCHARGE IN LPM							
Sr	Model	H.P	Stage	K.W.	D.O.	% Effi.	100	150	200	240	260	300	320	340
197	D06 R12 3.0	3	6	2.2	50	42	39	36	33	30	27	24	21	18
198	D10 R12 5.0	5	10	3.7	50	43	65	60	55	50	45	40	35	30
199	D12 R12 6.0	6	12	4.5	50	44	78	72	66	60	54	48	42	36
200	D15 R12 7.5	7.5	15	5.5	50	46	97	90	82	75	67	60	52	45

V5 X V4 DOUBLE STAGE
SUBMERSIBLE PUMP

V5 X V4 DOUBLE STAGE SUBMERSIBLE PUMP

Power Rating- 5.0 HP To 7.5 HP (Three Phase)
Head Range- 150 Meters To 488 Meters.
Discharge Range- 75 To 20 LPM
Working Voltage- Three Phase – 240 To 440 Volts, 50 Hz
Motor Diameter- 118 mm
Rotor- Copper



Material of Construction -

Pump		Motor	
Impeller	Noryl	Stator	CRNO Stamping
Bowl / Diffuser	Noryl with SS Ring SS 304	Winding	Polyster Coated EC grade Copper
Bearing Bush	Nitrile Rubber	Bearing Bush	Carbon / LTB 4
Shaft	SS 410	Shaft	SS 410 / SS 431
Spline Coupling	SS 431	Rotor	Copper
Pump Design	Tiffin Type	Stator Tube	SS 202 / SS 304
		Thrust Pad Assly	4 Seg Premium

Operating Conditions for clear cold & fresh water

- Turbidity : 50 ppm max
- Chlorides : 500 ppm max
- Total Solids : 3000 ppm max
- PH : 6.5 to 8.5
- Temperature : 33°C max
- Voltage : 240 – 440 Volts 3 Ph

Applications

- 4" Undersize Borewells, Residential Apartments, Bungalows, Commercial Complex, Multistorey Buildings, Mostly used in Builder lobbies.

Performance Conditions

- All performance data is based on the measured values of 50 Hz motor with constant speed 2880 rpm at Standard Voltage conditions. Performance will change on low voltages.
- All measurements are carried out with gas-free water of temperature of 20°C.
- The highlighted part of the performance table is best efficiency zone which can minimize electricity consumption & increase the life for submersible pumpset.
- Only for clear cold & fresh water.

RADIAL FLOW SERIES

STANDARD PRODUCT LIST V5 DS Series														
V5 DS2 Series							DISCHARGE IN LPM							
Sr	Model	H.P	Stage	K.W.	D.O.	% Effi.	20	35	40	50	60	65	70	75
201	D50 DS2 5.00	5	50	3.7	38	36	325	300	275	250	225	200	175	150
202	D60 DS2 6.00	6	60	4.5	38	37	390	360	330	300	270	240	210	180
203	D75 DS2 7.50	7.5	75	5.5	38	38	488	450	413	375	338	300	263	225



V4 & V6
AC SOLAR PUMP

V4 AC SOLAR Pumps.

Power Rating- 1.0 HP To 7.5 HP (Three Phase)
 Head Range- 30 Meters To 350 Meters.
 Discharge Range- 420 To 15 LPM
 Motor Diameter- 96 mm
 Rotor- Copper: 3 HP to 7.5 HP (Three Phase)
 Aluminum: 1.0 HP to 2.5 HP (Three Phase)

V6 AC SOLAR Pumps.

Power Rating- 3.0 HP To 10 HP (Three Phase)
 Head Range- 20 Meters To 340 Meters.
 Discharge Range- 1300 To 30 LPM
 Motor Diameter- 142 mm
 Rotor- Copper



Material of Construction -

Pump		Motor	
Impeller	Noryl GFN3/SS 410	Stator	CRNO Stamping
Bowl / Diffuser	Noryl GFN3/CI/SS 304	Winding	Polyster Coated EC Grade Copper
Bearing Bush	Nitrile Rubber	Bush Bearing	Carbon / LTB 4
Pump Shaft	SS 410	Motor Shaft	SS 431
Coupling	SS 410 Nema Std./Sleeve	Rotor	Copper
Pump Design	Tifin Type	Stator Tube	SS 202 / SS 304

HP	1.0 HP	1.5 HP	2.0 HP	3.0 HP	4.0 HP	5.0 HP	6.0 HP	7.5 HP	10.0 HP
Voltages	80-100 V 100-200 V 150-200 V	130 V	160 V	230 V	350 V	380 V	300 V	300 V	380 V

Note:

- Discharge for AC solar pumps will be 10-15 % lower for 5 HP & 10 HP than the performance chart due to solar application.
- Discharge for AC solar pumps will be 20-25 % lower for other HP than the performance chart due to solar application.
- For V6 pumps, refer to the performance chart on page no. 38 to 46.
- In Openwell pumps only 5 HP & 10 HP models available in AC solar applications.
- For Openwell pumps performance chart of 5 HP refer to page no. 56 & of 10 HP refer to page no. 57.

RADIAL FLOW SERIES

STANDARD PRODUCT LIST V4 in 100 MM Solar 3 Ph Models														
V4 Motor Max OD 96 mm 3 Ph 415 Volts ,50 Hz.							Pump Noryl Impellers & Diffusers							
V4 DRO Series							DISCHARGE IN LPM							
Sr	Model	H.P	Stage	K.W.	D.O.	% Effi.	10	15	20	25	30	35	40	45
204	A10 DR0 1.00	1	10	0.75	25	22	46	42	38	32	28	24	18	10
205	A13 DR0 1.00	1	13	0.75	25	22	60	55	49	42	36	30	23	13
206	A16 DR0 1.00	1	16	0.75	25	22	74	67	61	51	45	37	29	16
V4 DR1 Series							DISCHARGE IN LPM							
Sr	Model	H.P	Stage	K.W.	D.O.	% Effi.	15	20	25	30	40	50	55	60
207	A07 DR1 0.50	0.5	7	0.37	25	24	49	45	38	35	31	24	21	17
208	A08 DR1 0.50	0.5	8	0.37	25	24	56	52	44	40	36	28	24	20
209	A14 DR1 1.00	1	14	0.75	25	27	98	91	77	70	63	49	42	35
210	A20 DR1 1.50	1.5	20	1.1	32	28	140	130	110	100	90	70	60	50
211	A24 DR1 2.00	2	24	1.5	38	30	168	156	132	120	108	84	72	60
212	A26 DR1 2.00	2	26	1.5	38	30	182	169	143	130	117	91	78	65
213	A30 DR1 3.00	3	30	2.2	38	33	210	195	165	150	135	105	90	75
214	A32 DR1 3.00	3	32	2.2	38	33	224	208	176	160	144	112	96	80
215	A34 DR1 3.00	3	34	2.2	38	33	238	221	187	170	153	119	102	85
216	A36 DR1 3.00	3	36	2.2	38	33	252	234	198	180	162	126	108	90
217	A40 DR1 3.00	3	40	2.2	38	33	280	260	220	200	180	140	120	100
218	A10 DR2 1.00	1	10	0.75	25	25	70	65	55	50	45	35	30	25
219	A12 DR2 1.00	1	12	0.75	25	25	84	78	66	60	54	42	36	30
220	A20 DR2 2.00	2	20	0.75	38	29	140	130	110	100	90	70	60	50
V4 DR3 Series							DISCHARGE IN LPM							
Sr	Model	H.P	Stage	K.W.	D.O.	% Effi.	40	45	50	60	65	70	80	85
221	A08 DR3 1.00	1	8	0.75	38	28	56	52	44	40	36	28	24	20
222	A16 DR3 2.00	2	16	1.5	38	32	112	104	88	80	72	56	48	40
223	A24 DR3 3.00	3	24	2.2	38	34	168	156	132	120	108	84	72	60
224	A32 DR3 4.00	4	32	3	38	34	224	208	176	160	144	112	96	80
225	A36 DR3 5.00	5	36	3.7	38	35	252	234	198	180	162	126	108	90
V4 DR4 Series							DISCHARGE IN LPM							
Sr	Model	H.P	Stage	K.W.	D.O.	% Effi.	30	40	50	60	70	80	85	90
226	A07 DR4 0.75	0.75	7	0.55	38	27	38	35	31	28	24	21	17	14
227	A10 DR4 0.85	0.85	10	0.63	38	29	55	50	45	40	35	30	25	20
228	A15 DR4 1.50	1.5	15	1.1	38	31	82	75	67	60	52	45	37	30
229	A19 DR4 2.00	2	19	1.5	38	33	104.5	95	85	76	66	57	47	38
230	A20 DR4 2.00	2	20	1.5	38	33	110	100	90	80	70	60	50	40
231	A22 DR4 3.00	3	22	2.2	38	35	121	110	99	88	77	66	55	44
232	A25 DR4 3.00	3	25	2.2	38	35	137.5	125	112.5	100	87	75	62	50
233	A30 DR4 3.00	3	30	2.2	38	35	165	150	135	120	105	90	75	60
234	A35 DR4 4.00	4	35	3	38	35	192.5	175	157.5	140	122.5	105	87	70
235	A40 DR4 5.00	5	40	3.7	38	36	220	200	180	160	140	120	100	80
236	A45 DR4 5.00	5	45	3.7	38	36	247.5	225	202.5	180	157.5	135	112.5	90
237	A50 DR4 5.00	5	50	3.7	38	36	275	250	225	200	175	150	125	100

RADIAL FLOW SERIES

STANDARD PRODUCT LIST V4 in 100 MM Solar 3 Ph Models														
V4 Motor Max OD 96 mm 3 Ph 415 Volts, 50 Hz.							Pump Noryl Impellers & Diffusers							
V4 DR5 Series							DISCHARGE IN LPM							
Sr	Model	H.P	Stage	K.W.	D.O.	% Effi.	50	60	80	90	110	120	130	140
238	A10 DR5 1.50	1.5	10	1.1	38	32	55	50	45	40	35	30	25	20
239	A12 DR5 2.00	2	12	1.5	38	34	66	60	54	48	42	36	30	24
240	A19 DR5 3.00	3	19	2.2	38	36	104.5	95	85	76	66	57	47	38
241	A25 DR5 4.00	4	25	3	38	36	137.5	125	111	100	86	75	61	50
242	A30 DR5 5.00	5	30	3.7	38	37	165	150	135	120	105	90	75	60
V4 DR7 Series							DISCHARGE IN LPM							
Sr	Model	H.P	Stage	K.W.	D.O.	% Effi.	60	80	100	120	130	140	150	170
243	A10 DR7 2.00	2	10	1.5	38	35	60	55	50	45	40	35	30	25
244	A12 DR7 3.00	3	12	2.2	38	36	72	66	60	54	48	42	36	30
245	A15 DR7 3.00	3	15	2.2	38	36	90	82	75	67	60	52	45	37
246	A19 DR7 4.00	4	19	3	38	36	114	104.5	95	85	76	66	57	47
247	A22 DR7 5.00	5	22	3.7	38	38	132	121	110	99	88	77	66	55
248	A25 DR7 5.00	5	25	3.7	38	38	150	137.5	125	112.5	100	87	75	62
V4 DM12 Series							DISCHARGE IN LPM							
Sr	Model	H.P	Stage	K.W.	D.O.	% Effi.	60	80	130	160	180	190	210	230
249	A10 DM12 3.00	3	10	2.2	50	38	60	55	50	45	40	35	30	25
250	A12 DM12 3.00	3	12	2.2	50	38	72	66	60	54	48	42	36	30
251	A18 DM12 5.00	5	18	3.7	50	39	108	99	90	81	72	63	54	45
252	A20 DM12 5.00	5	20	3.7	50	39	120	110	100	90	80	70	60	50
V4 DM18 Series							DISCHARGE IN LPM							
Sr	Model	H.P	Stage	K.W.	D.O.	% Effi.	110	150	180	230	270	330	360	420
253	A08 DM18 3.00	3	8	2.2	50	40	36	34	32	28	24	20	16	12
254	A14 DM18 5.00	5	14	3.7	50	41	63	59	56	49	42	35	28	21



V4 & V6
HORIZONTAL
SUBMERSIBLE
PUMP (HSP)

V4 HSP Pumps.

Power Rating-	0.5 HP To 5.0 HP (Single Phase) 1.0 HP To 7.5 HP (Three Phase)
Head Range-	9 Meters To 350 Meters.
Discharge Range-	370 To 10 LPM
Working Voltage-	Single Phase – 160 To 240 Volts, 50 Hz. Three Phase - 240 To 440 Volts, 50 Hz.
Motor Diameter-	96 mm
Rotor- Copper:	3 HP to 5 HP (Single Phase) 3 HP to 7.5 HP (Three Phase)
Aluminum:	0.5 HP to 2.5 HP (Single Phase) 1.0 HP to 2.5 HP (Three Phase)

V6 HSP Pumps.

Product Range-	3.0 HP To 30.0 HP (Three Phase)
Head Range-	12 Mtrs To 360 Mtrs.
Discharge Range-	1200 To 30 LPM
Working Voltage-	Three Phase – 240 To 440 Volts, 50 Hz
Motor Diameter-	142 MM
Rotor-	Copper



Material of Construction for V4 HSP -

Pump		Motor	
Impeller	Noryl	Stator	CRNO Stamping
Bowl / Diffuser	Noryl with SS Ring SS 202 / SS Jacket	Winding	Polyster Coated EC grade Copper
		Bearing Bush	Carbon / LTB 4 with Counter
Bearing Bush	Nitrile Rubber	Shaft	SS 410 / SS 431
Shaft	SS 410	Rotor	Copper / Aluminum
Spline Coupling	SS 431	Stator Tube	SS 202 / SS 304
Pump Design	Tiffin Type / Jacket type for mix flow	Thrust Pad Assly	3 Seg / 4 Seg Premium Special

Material of Construction for V6 HSP -

Pump		Motor	
Impeller	SS 410	Stator	CRNO Stamping
Bowl	SS 304 for 50' Head CI - FG 220 grade for 30' & 40' Head	Winding	Polyster Coated EC grade Copper
Diffusers	Poly carbonate for 30' & 40' Head	Bearing Bush	Carbon / LTB 4 with SS Counter
Bearing Bush	Nitrile Rubber	Shaft	SS 410 / SS 431
Shaft	SS 410	Rotor	Copper
Sleeve Coupling	SS 410	Stator Tube	SS 202 / SS 304
Pump Design	Tifin Type	Thrust Pad Assly	6 Seg Premium Special

V6 Radial Flow
(30', 40' & 50') &
V6 Mix Flow Series
SUBMERSIBLE PUMP

V6 Radial Flow (30',40' & 50') & V6 Mix Flow Series SUBMERSIBLE PUMP

Product Range- 3.0 HP To 30.0 HP (Three Phase)
 Head Range- 10 Meters To 560 Meters.
 Discharge Range- 1300 To 30 LPM
 Working Voltage- Three Phase – 240 To 440 Volts, 50 Hz
 Motor Diameter- 142 MM
 Rotor- Copper



Material of Construction -

Pump		Motor	
Impeller	SS 410	Stator	CRNO Stamping
Bowl	SS 304 for 50' Head CI - FG 220 grade for 30' & 40' Head	Winding	Polyster Coated EC grade Copper
Diffusers	Poly carbonate for 30' & 40' Head	Bearing Bush	Carbon / LTB 4
Bearing Bush	Nitrile Rubber	Shaft	SS 410 / SS 431
Shaft	SS 410	Rotor	Copper
Sleeve Coupling	SS 410	Stator Tube	SS 202 / SS 304
Pump Design	Tifin Type	Thrust Pad Assly	4 Seg / 6 Seg Premium

Operating Conditions for clear cold & fresh water

- Turbidity : 50 ppm max
- Chlorides : 500 ppm max
- Total Solids : 3000 ppm max
- PH : 6.5 to 8.5
- Temperature : 33°C max
- Voltage : 240 – 440 Volts 3 Ph

Applications

- 6" Borewells, Residential Apartments, Commercial Complex, Multistorey Buildings, Bungalows, Agriculture Purpose. Drip & Sprinkler systems. Water supply schemes.

Performance Conditions

- All performance data is based on the measured values of 50 Hz motor with constant speed 2880 rpm at Standard Voltage conditions. Performance will change on low voltages.
- All measurements are carried out with gas-free water of temperature of 20°C.
- The highlighted part of the performance table is best efficiency zone which can minimize electricity consumption & increase the life for submersible pumpset.
- Only for clear cold & fresh water.

RADIAL FLOW SERIES

STANDARD PRODUCT LIST V6 PS Series (30ft per stg.)														
V6 PS0 SERIES 30'per Stg							DISCHARGE IN LPM							
Sr	Model	H.P	Stage	K.W.	D.O.	% Effi.	30	40	60	70	80	90	100	120
255	B12 PS0 3.0	3	12	2.2	50	37	102	99	96	90	84	78	72	60
256	B16 PS0 5.0	5	16	3.7	50	38	136	132	128	120	112	104	96	80
257	B20 PS0 5.0	5	20	3.7	50	38	170	165	160	150	140	130	120	100
258	B24 PS0 6.0	6	24	4.5	50	39	204	198	192	180	168	156	144	120
259	B30 PS0 7.5	7.5	30	5.5	50	41	255	248	240	225	210	195	180	150
260	B35 PS0 10	10	35	7.5	50	42	298	289	280	263	245	228	210	175
261	B40 PS0 10	10	40	7.5	50	42	340	330	320	300	280	260	240	200
V6 PS1 SERIES 30'per Stg							DISCHARGE IN LPM							
Sr	Model	H.P	Stage	K.W.	D.O.	% Effi.	60	70	80	90	120	130	140	160
262	B08 PS1 3.0	3	8	2.2	50	40	70	68	66	64	60	56	52	48
263	B09 PS1 3.0	3	9	2.2	50	40	78	76	74	72	67	63	58	54
264	B12 PS1 4.0	4	12	3	50	40	104	102	99	96	90	84	78	72
265	B15 PS1 5.0	5	15	3.7	50	41	131	128	124	120	113	105	97	90
266	B18 PS1 6.0	6	18	4.5	50	42	157	153	149	144	135	126	117	108
267	B21 PS1 7.5	7.5	21	5.5	50	44	183	179	173	168	158	147	137	126
268	B25 PS1 7.5	7.5	25	5.5	50	44	218	213	206	200	188	175	163	150
269	B30 PS1 10	10	30	7.5	50	45	261	255	248	240	225	210	195	180
270	B35 PS1 12.5(M)	12	35	9.3	50	44	305	298	289	280	263	245	228	210
271	B40 PS1 15.0(M)	15	40	11	50	45	348	340	330	320	300	280	260	240
V6 PS5 SERIES 30'per Stg							DISCHARGE IN LPM							
Sr	Model	H.P	Stage	K.W.	D.O.	% Effi.	60	80	100	120	160	170	180	210
272	B10 PS5 4.0	4	10	3	50	40	90	85	82	80	75	70	65	60
273	B12 PS5 5.0	5	12	3.7	50	42	108	102	99	96	90	84	78	72
274	B15 PS5 6.0	6	15	4.5	50	43	135	128	124	120	113	105	97.5	90
275	B18 PS5 7.5	7.5	18	5.5	50	44	162	153	149	144	135	126	117	108
276	B24 PS5 10	10	24	7.5	50	46	216	204	198	192	180	168	156	144

RADIAL FLOW SERIES

STANDARD PRODUCT LIST V6 (40ft per stg.)														
V6 PS2 SERIES 40'per Stg							DISCHARGE IN LPM							
Sr	Model	H.P	Stage	K.W.	D.O.	% Effi.	130	150	170	180	220	250	280	300
277	B5 PS2 3.0	3	5	2.2	50	43	55	50	47.5	45	40	35	30	25
278	B6 PS2 4.0	4	6	3	50	43	66	60	57	54	48	42	36	30
279	B8 PS2 5.0	5	8	3.7	50	45	88	80	76	72	64	56	48	40
280	B10 PS2 6.0	6	10	4.5	50	46	110	100	95	90	80	70	60	50
281	B12 PS2 7.5	7.5	12	5.5	50	48	132	120	114	108	96	84	72	60
282	B16 PS2 10	10	16	7.5	50	49	176	160	152	144	128	112	96	80
283	B20 PS2 12.5(M)	12.5	20	9.3	50	49	220	200	190	180	160	140	120	100
284	B24 PS2 15.0(M)	15	24	11	50	49	264	240	228	216	192	168	144	120
285	B28 PS2 17.5(K)	17.5	28	13	50	50	308	280	266	252	224	196	168	140
286	B30 PS2 20.0(K)	20	30	15	50	51	330	300	285	270	240	210	180	150
287	B32 PS2 20.0(K)	20	32	15	50	51	352	320	304	288	256	224	192	160
288	B40 PS2 25.0(K)	25	40	18.5	50	52	440	400	380	360	320	280	240	200
V6 PS3 SERIES 40'per Stg							DISCHARGE IN LPM							
Sr	Model	H.P	Stage	K.W.	D.O.	% Effi.	220	240	260	300	350	410	440	450
289	B03 PS3 3.0	3	3	2.2	50	46	33	30	28	27	24	21	18	15
290	B04 PS3 4.0	4	4	3	50	46	44	40	38	36	32	28	24	20
291	B05 PS3 5.0	5	5	3.7	50	48	55	50	47	45	40	35	35	25
292	B06 PS3 6.0	6	6	4.5	50	49	66	60	54	54	48	42	42	30
293	B08 PS3 7.5	7.5	8	5.5	50	51	88	80	76	72	64	56	56	40
294	B10 PS3 10	10	10	7.5	50	52	110	100	95	90	80	70	70	50
295	B12 PS3 12.5(M)	12.5	12	9.3	50	52	132	120	114	108	96	84	72	60
296	B15 PS3 15.0(M)	15	15	11	50	53	165	150	143	135	120	105	90	75
297	B18 PS3 17.5(K)	17.5	18	13	50	53	198	180	171	162	144	126	108	90
298	B20 PS3 20.0(K)	20	20	15	50	54	220	200	190	180	160	140	120	100
299	B25 PS3 25.0(K)	25	25	18.5	50	55	275	250	238	225	200	175	150	125
300	B30 PS3 30.0(K)	30	30	22.5	50	55	330	300	285	270	240	210	180	150

RADIAL FLOW SERIES

STANDARD PRODUCT LIST V6 (40ft per stg.)														
V6 PS4 SERIES 40'per Stg							DISCHARGE IN LPM							
Sr	Model	H.P	Stage	K.W.	D.O.	% Effi.	260	320	340	370	420	440	460	480
301	B4 PS4 5.0	5	4	3.7	65	48	44	40	38	36	32	28	24	20
302	B5 PS4 6.0	6	5	4.5	65	49	55	50	47.5	45	40	35	30	25
303	B6 PS4 7.5	7.5	6	5.5	65	52	66	60	57	54	48	42	36	30
304	B8 PS4 10	10	8	7.5	65	52	88	80	76	72	64	56	48	40
305	B10 PS4 12.5(M)	12.5	10	9.3	65	53	110	100	95	90	80	70	60	50
306	B12 PS4 15(M)	15	12	11	65	54	132	120	114	108	96	84	72	60
307	B14 PS4 17.5(K)	17.5	14	13	65	54	154	140	133	126	112	98	84	70
308	B16 PS4 20(K)	20	16	15	65	55	176	160	152	144	128	112	96	80
309	B18 PS4 20(K)	20	18	15	65	55	198	180	171	162	144	126	108	90
310	B20 PS4 25(K)	25	20	18.5	65	56	220	200	190	180	160	140	120	100
V6 PS6 SERIES 40'per Stg							DISCHARGE IN LPM							
Sr	Model	H.P	Stage	K.W.	D.O.	% Effi.	140	190	200	220	260	280	300	320
311	B6 PS6 5.0	5	6	3.7	50	46	66	60	57	54	48	42	36	30
312	B8 PS6 6.0	6	8	4.5	50	47	88	80	76	72	64	56	48	40
313	B10 PS6 7.5	7.5	10	5.5	50	49	110	100	95	90	80	70	60	50
314	B12 PS6 10	10	12	7.5	50	50	132	120	114	108	96	84	72	60
315	B16 PS6 12.5(M)	12.5	16	9.3	50	50	176	160	152	144	128	112	96	96
316	B18 PS6 15.0(M)	15	18	11	50	51	198	180	171	162	144	126	108	108
317	B20 PS6 15.0(M)	15	20	11	50	51	220	200	192	180	160	140	120	120
318	B22 PS6 17.5(K)	17.5	22	13	50	52	242	220	209	198	176	154	132	132
319	B24 PS6 20.0(K)	20	24	15	50	52	264	240	228	216	192	168	144	144
320	B30 PS6 25.0(K)	25	30	18.5	50	53	330	300	285	270	240	210	180	180
321	B32 PS6 25.0(K)	25	32	18.5	50	53	352	320	304	288	256	224	192	192

RADIAL FLOW SERIES

STANDARD PRODUCT LIST V6 (40ft per stg.)														
V6 PS7 SERIES 40'per Stg							DISCHARGE IN LPM							
Sr	Model	H.P	Stage	K.W.	D.O.	% Effi.	70	130	140	150	200	220	240	260
322	B6 PS7 3.0	3	6	2.2	50	42	66	60	57	54	48	42	36	30
323	B8 PS7 4.0	4	8	3	50	42	88	80	76	72	64	56	48	40
324	B10 PS7 5.0	5	10	3.7	50	43	110	100	95	90	80	70	60	50
325	B12 PS7 6.0	6	12	4.5	50	44	132	120	114	108	96	84	72	60
326	B15 PS7 7.5	7.5	15	5.5	50	46	165	150	143	135	120	105	90	75
327	B20 PS7 10	10	20	7.5	50	48	220	200	190	180	160	140	120	100
328	B25 PS7 12.5(M)	12.5	25	9.3	50	48	275	250	238	225	200	175	150	125
329	B28 PS7 15.0(M)	15	28	11	50	48	308	280	266	252	224	196	168	140
330	B30 PS7 15.0(M)	15	30	11	50	48	330	300	285	270	240	210	180	150

RADIAL FLOW SERIES

STANDARD PRODUCT LIST V6 (50ft per stg.)														
V6 PS50 SERIES 50'							DISCHARGE IN LPM							
Sr	Model	H.P	Stage	K.W.	D.O.	% Effi.	70	90	100	120	150	170	190	210
331	B06 PS50 3.0	3	6	2.2	50	39	81	78	75	72	66	60	54	48
332	B07 PS50 3.0	3	7	2.2	50	39	94	91	87	84	77	70	63	56
334	B10 PS50 5.0	5	10	3.7	50	40	135	130	125	120	110	100	90	80
335	B12 PS50 6.0	6	12	4.5	50	41	162	156	150	144	132	120	108	96
336	B15 PS50 7.5	7.5	15	5.5	50	43	202.5	195	187.5	180	165	150	135	120
337	B18 PS50 7.5	7.5	18	5.5	50	44	243	234	225	216	198	180	162	144
338	B20 PS50 10	10	20	7.5	50	44	270	260	250	240	220	200	180	160
339	B25 PS50 12.5(M)	12.5	25	9.3	50	44	337.5	325	312.5	300	275	250	225	200
340	B30 PS50 15.0(M)	15	30	11	50	45	405	390	375	360	330	300	270	240
341	B35 PS50 17.5(K)	17.5	35	13	50	46	472.5	455	437.5	420	385	350	315	280
V6 PS60 SERIES 50'							DISCHARGE IN LPM							
Sr	Model	H.P	Stage	K.W.	D.O.	% Effi.	100	120	130	150	170	190	210	240
342	B05 PS60 3.0	3	5	2.2	50	41	70	67	65	60	55	50	45	35
343	B08 PS60 5.0	5	8	3.7	50	42	112	108	104	96	88	80	72	56
344	B10 PS60 6.0	6	10	4.5	50	43	140	135	130	120	110	100	90	70
345	B12 PS60 7.5	7.5	12	5.5	50	45	168	162	156	144	132	120	108	84
346	B16 PS60 10	10	16	7.5	50	45	224	216	208	192	176	160	144	112
347	B20 PS60 12.5(M)	12.5	20	9.3	50	46	280	270	260	240	220	200	180	140
348	B24 PS60 15.0(M)	15	24	11	50	46	336	324	312	288	264	240	216	168
349	B28 PS60 17.5(K)	17.5	28	13	50	47	392	378	364	336	308	280	252	196
350	B32 PS60 20.0(K)	20	32	15	50	48	448	432	416	384	352	320	288	224
351	B40 PS60 25.0(K)	25	40	18.5	50	49	560	540	520	480	440	400	360	280

RADIAL FLOW SERIES

STANDARD PRODUCT LIST V6 (50ft per stg.)														
V6 PS80 SERIES 50'							DISCHARGE IN LPM							
Sr	Model	H.P	Stage	K.W.	D.O.	% Effi.	120	150	180	210	230	240	270	290
352	B06 PS80 5.0	5	6	3.7	50	44	87	81	78	72	66	60	54	42
353	B08 PS80 6.0	6	8	4.5	50	46	116	108	104	96	88	80	72	56
354	B10 PS80 7.5	7.5	10	5.5	50	48	145	135	130	120	110	100	90	70
355	B12 PS80 10	10	12	7.5	50	48	174	162	156	144	132	120	108	84
356	B15 PS80 12.5(M)	12.5	15	9.3	50	49	217.5	202.5	195	180	165	150	135	105
357	B18 PS80 15.0(M)	15	18	11	50	49	261	243	234	216	198	180	162	126
358	B21 PS80 17.5(K)	17.5	21	13	50	49	304.5	283.5	273	252	231	210	189	147
359	B24 PS80 20.0(K)	20	24	15	50	50	348	324	312	288	264	240	216	168
360	B30 PS80 25.0(K)	25	30	18.5	50	51	435	405	390	360	330	300	270	210
V6 PS100 SERIES 50'							DISCHARGE IN LPM							
Sr	Model	H.P	Stage	K.W.	D.O.	% Effi.	140	200	250	280	330	350	370	410
361	B05 PS100 5.0	5	5	3.7	50	47	75	70	65	60	50	45	40	30
362	B06 PS100 6.0	6	6	4.5	50	48	90	84	78	72	60	54	48	36
363	B08 PS100 7.5	7.5	8	5.5	50	50	120	112	104	96	80	72	64	48
364	B10 PS100 10	10	10	7.5	50	51	150	140	130	120	100	90	80	60
365	B12 PS100 12.5(M)	12.5	12	9.3	65	51	180	168	156	144	120	108	96	72
366	B13 PS100 12.5(M)	12.5	13	9.3	65	51	195	182	169	156	130	117	104	78
367	B15 PS100 15.0(M)	15	15	11	65	52	225	210	195	180	150	135	120	90
368	B18 PS100 17.5(K)	17.5	18	13	65	52	270	252	234	216	180	162	144	108
369	B20 PS100 20.0(K)	20	20	15	65	53	300	280	260	240	200	180	160	120
370	B25 PS100 25.0(K)	25	25	18.5	65	53	375	350	325	300	250	225	200	150
371	B30 PS100 30.0(K)	30	30	22.5	65	53	450	420	390	360	300	270	240	180

RADIAL FLOW SERIES

STANDARD PRODUCT LIST V6 (50ft per stg.)														
V6 PS125 SERIES 50'							DISCHARGE IN LPM							
Sr	Model	H.P	Stage	K.W.	D.O.	% Effi.	200	250	300	320	380	420	450	500
372	B04 PS125 5.0	5	4	3.7	65	47	60	56	52	48	40	36	32	24
373	B05 PS125 6.0	6	5	4.5	65	48	75	70	65	60	50	45	40	30
374	B06 PS125 7.5	7.5	6	5.5	65	50	90	84	78	72	60	54	48	36
375	B08 PS125 10	10	8	7.5	65	51	120	112	104	96	80	72	64	48
376	B10 PS125 12.5(M)	12.5	10	9.3	65	51	150	140	130	120	100	90	80	60
377	B12 PS125 15.0(M)	15	12	11	65	52	180	168	156	144	120	108	96	72
378	B13 PS125 15.0(M)	15	13	11	65	52	195	182	169	156	130	117	104	78
379	B14 PS125 17.5(K)	17.5	14	13	65	52	210	196	182	168	140	126	112	84
380	B16 PS125 20.0(K)	20	16	15	65	53	240	224	208	192	160	144	128	96
381	B20 PS125 25.0(K)	25	20	18.5	65	53	300	280	260	240	200	180	160	120
382	B24 PS125 30.0(K)	30	24	22.5	65	53	360	336	312	288	240	216	192	144
V6 PS150 SERIES 50'							DISCHARGE IN LPM							
Sr	Model	H.P	Stage	K.W.	D.O.	% Effi.	250	300	350	400	450	470	520	560
383	B03 PS150 5.0	5	3	3.7	65	47	45	42	39	36	30	27	24	18
384	B04 PS150 6.0	6	4	4.5	65	48	60	56	52	48	40	36	32	24
385	B05 PS150 7.5	7.5	5	5.5	65	51	75	70	65	60	50	45	40	30
386	B07 PS150 10	10	7	7.5	65	52	105	98	91	84	70	63	56	42
387	B09 PS150 12.5(M)	12.5	9	9.3	65	52	135	126	117	108	90	81	72	54
388	B10 PS150 15.0(M)	15	10	11	65	53	150	140	130	120	100	90	80	60
389	B12 PS150 17.5(K)	17.5	12	13	65	53	180	168	156	144	120	108	96	72
390	B14 PS150 20.0(K)	20	14	15	65	54	210	196	182	168	140	126	112	84
391	B18 PS150 25.0(K)	25	18	18.5	65	55	270	252	234	216	180	162	144	108
392	B20 PS150 30.0(K)	30	20	22.5	65	55	300	280	260	240	200	180	160	120
V6 PS175 SERIES							DISCHARGE IN LPM							
Sr	Model	H.P	Stage	K.W.	D.O.	% Effi.	280	320	400	450	520	580	600	620
393	B07 PS175 12.5(M)	12.5	7	9.3	65	53	105	98	91	84	70	63	56	42
394	B09 PS175 15.0(M)	15	9	11	65	53	135	126	117	108	90	81	72	54
395	B10 PS175 17.5(K)	17.5	10	13	65	54	150	140	130	120	100	90	80	60
396	B12 PS175 20.0(K)	20	12	15	65	55	180	168	156	144	120	108	96	72
397	B14 PS175 25.0(K)	25	14	18.5	65	55	210	196	182	168	140	126	112	84
398	B18 PS175 30.0(K)	30	18	22.5	65	55	270	252	234	216	180	162	144	108

RADIAL FLOW SERIES

STANDARD PRODUCT LIST V6 (50ft per stg.)														
V6 PS200 SERIES 50'							DISCHARGE IN LPM							
Sr	Model	H.P	Stage	K.W.	D.O.	% Effi.	300	350	420	460	530	590	610	650
399	B03 PS200 7.5	7.5	3	5.5	65	52	45	42	39	36	30	27	24	18
400	B05 PS200 10	10	5	7.5	65	53	75	70	65	60	50	45	40	30
401	B06 PS200 12.5(M)	12.5	6	9.3	65	53	90	84	78	72	60	54	48	36
402	B08 PS200 15.0(M)	15	8	11	65	53	120	112	104	96	80	72	64	48
403	B09 PS200 17.5(K)	17.5	9	13	65	54	135	126	117	108	90	81	72	54
404	B10 PS200 20.0(K)	20	10	15	65	55	150	140	130	120	100	90	80	60
405	B12 PS200 25.0(K)	25	12	18.5	65	55	180	168	156	144	120	108	96	72
406	B16 PS200 30.0(K)	30	16	22.5	65	55	240	224	208	192	160	144	128	96
V6 PS250 SERIES 50'							DISCHARGE IN LPM							
Sr	Model	H.P	Stage	K.W.	D.O.	% Effi.	350	450	470	550	620	650	700	800
407	B02 PS250 5.0	5	2	3.7	65	49	28	26	25	24	20	18	14	12
408	B04 PS250 10	10	4	7.5	65	53	56	52	50	48	40	36	28	24
409	B05 PS250 12.5(M)	12.5	5	9.3	65	54	70	65	62.5	60	50	45	35	30
410	B05 PS250 15.0(M)	15	6	11	65	54	84	78	75	72	60	54	42	36
411	B07 PS250 17.5(K)	17.5	7	13	65	55	98	91	87.5	84	70	63	49	42
412	B08 PS250 20.0(K)	20	8	15	65	56	112	104	100	96	80	72	56	48
413	B10 PS250 25.0(K)	25	10	18.5	65	56	140	130	125	120	100	90	70	60
414	B12 PS250 30.0(K)	30	12	22.5	65	56	168	156	150	144	120	108	84	72

MIX FLOW SERIES

STANDARD PRODUCT LIST V6 Mix Flow 30'ft per Stg.

V6 PSM0 SERIES 30'							DISCHARGE IN LPM							
Sr	Model	H.P	Stage	K.W.	D.O.	% Effi.	200	260	350	400	420	450	470	500
415	B03 PSM0 3.0	3	3	2.2	65	44	27	26	25	24	22	21	19	18
416	B04 PSM0 4.0	4	4	3	65	44	36	34	33	32	30	28	26	24
417	B05 PSM0 5.0	5	5	3.7	65	45	45	42	41	40	37	35	26	30
418	B06 PSM0 6.0	6	6	4.5	65	46	54	51	49	48	45	42	39	36
419	B08 PSM0 7.5	7.5	8	5.5	65	48	72	68	66	64	60	56	52	48
420	B10 PSM0 10	10	10	7.5	65	49	90	85	82	80	75	70	65	60
421	B12 PSM0 12.5(M)	12.5	12	9.3	65	49	108	102	99	96	90	84	78	72
422	B15 PSM0 15.0(M)	15	15	11	65	51	135	127.5	124	120	112.5	105	97	90
423	B18 PSM0 17.5(K)	17.5	18	13	65	51	162	153	148.5	144	135	126	117	108
424	B20 PSM0 20.0(K)	20	20	15	65	52	180	170	165	160	150	140	130	120
425	B25 PSM0 25.0(K)	25	25	18.5	65	53	225	212.5	206	200	187.5	175	162.5	150
V6 PSM1 SERIES 30'							DISCHARGE IN LPM							
Sr	Model	H.P	Stage	K.W.	D.O.	% Effi.	300	350	420	450	480	500	550	600
426	B03 PSM1 4.0	4	3	3	65	44	27	25	24	24	22	21	19	18
427	B04 PSM1 5.0	5	4	3.7	65	45	36	34	33	32	30	28	26	24
428	B05 PSM1 6.0	6	5	4.5	65	47	45	42	41	40	37	35	32	30
429	B06 PSM1 7.5	7.5	6	5.5	65	48	54	51	49	48	45	42	39	36
430	B08 PSM1 10	10	8	7.5	65	49	72	68	66	64	60	56	52	48
431	B10 PSM1 12.5(M)	12.5	10	9.3	65	50	90	85	82.5	80	75	70	65	60
432	B12 PSM1 15.0(M)	15	12	11	65	51	108	102	99	96	90	84	78	72
433	B14 PSM1 17.5(K)	17.5	14	13	65	52	126	119	115.5	112	105	98	91	84
434	B15 PSM1 20.0(K)	20	15	15	65	52	135	127.5	123.75	120	112.5	105	97.5	90
435	B16 PSM1 20.0(K)	20	16	15	65	52	144	136	132	128	120	112	104	96
436	B20 PSM1 25.0(K)	25	20	18.5	65	53	180	170	165	160	150	140	130	120

MIX FLOW SERIES

STANDARD PRODUCT LIST V6 Mix Flow 30'ft per Stg.

V6 PSM2 SERIES 30'							DISCHARGE IN LPM							
Sr	Model	H.P	Stage	K.W.	D.O.	% Effi.	350	420	450	500	550	600	620	650
437	B02 PSM2 4.0	4	2	3	65	44	20	19	18	16	14	12	11	10
438	B03 PSM2 5.0	5	3	3.7	65	45	30	28	27	24	21	18	16	15
439	B04 PSM2 6.0	6	4	4.5	65	47	40	38	36	32	28	24	22	20
440	B05 PSM2 7.5	7.5	5	5.5	65	48	50	47	45	40	35	30	27	25
441	B06 PSM2 10	10	6	7.5	65	49	60	57	54	48	42	36	33	30
442	B07 PSM2 10	10	7	7.5	65	49	70	66	63	56	49	42	38	35
443	B08 PSM2 12.5(M)	12.5	8	9.3	65	50	80	76	72	64	56	48	44	40
444	B09 PSM2 12.5(M)	12.5	9	9.3	65	50	90	85.5	81	72	63	54	49.5	45
445	B10 PSM2 15.0(M)	15	10	11	65	51	100	95	90	80	70	60	55	50
446	B11 PSM2 17.5(K)	17.5	11	13	65	52	110	104.5	99	88	77	66	60.5	55
447	B12 PSM2 17.5(K)	17.5	12	13	65	52	120	114	108	96	84	72	66	60
448	B13 PSM2 20.0(K)	20	13	15	65	52	130	123.5	117	104	91	78	71.5	65
449	B14 PSM2 20.0(K)	20	14	15	65	52	140	133	126	112	98	84	77	70
450	B18 PSM2 25.0(K)	25	18	18.5	65	53	180	171	162	144	126	108	99	90
451	B20 PSM2 30.0(K)	30	20	22.5	65	54	200	190	180	160	140	120	110	100
V6 PSM3 SERIES 30'							DISCHARGE IN LPM							
Sr	Model	H.P	Stage	K.W.	D.O.	% Effi.	400	500	550	600	650	700	720	770
452	B02 PSM3 5.0	5	2	3.7	75	47	19	18	17	16	15	14	13	12
453	B03 PSM3 5.0	5	3	3.7	75	47	28	27	25	24	22	21	19	18
454	B04 PSM3 7.5	7.5	4	5.5	75	50	38	36	34	32	30	28	26	24
455	B05 PSM3 10	10	5	7.5	75	51	47	45	42	40	37	35	32	30
456	B06 PSM3 10	10	6	7.5	75	51	57	54	51	48	45	42	39	36
457	B07 PSM3 12.5(M)	12.5	7	9.3	75	52	66	63	59	56	52	49	45	42
458	B08 PSM3 15.0(M)	15	8	11	75	53	76	72	68	64	60	56	52	48
459	B09 PSM3 17.5(K)	17.5	9	13	75	53	85	81	76	72	67	63	58	54
460	B11 PSM3 20.0(K)	20	11	15	75	54	104.5	99	93	88	82	77	71	66
461	B12 PSM3 20.0(K)	20	12	15	75	54	114	108	102	96	90	84	78	72
462	B14 PSM3 25.0(K)	25	14	18.5	75	51	133	126	119	112	105	98	91	84
463	B18 PSM3 30.0(K)	30	18	22.5	75	55	171	162	153	144	135	126	117	108

MIX FLOW SERIES

STANDARD PRODUCT LIST V6 Mix Flow 30'ft per Stg.														
V6 PSM4 SERIES 30'							DISCHARGE IN LPM							
Sr	Model	H.P	Stage	K.W.	D.O.	% Effi.	500	600	700	800	900	1000	1200	1300
464	B02 PSM4 5.0	5	2	3.7	75	48	19	18	17	16	15	14	12	10
465	B03 PSM4 7.5	7.5	3	5.5	75	51	28	27	25	24	22	21	18	15
466	B04 PSM4 10	10	4	7.5	75	52	38	36	34	32	30	28	24	20
467	B05 PSM4 12.5(M)	12.5	5	9.3	75	53	47	45	42	40	37	35	30	25
468	B06 PSM4 15.0(M)	15	6	11	75	53	57	54	51	48	45	42	36	30
469	B07 PSM4 17.5(K)	17.5	7	13	75	54	66	63	59	56	52	49	42	35
470	B08 PSM4 20.0(K)	20	8	15	75	55	76	72	68	64	60	56	48	40
471	B09 PSM4 20.0(K)	20	9	15	75	55	85	81	76	72	67	63	54	45
472	B10 PSM4 20.0(K)	20	10	15	75	55	95	90	85	80	75	70	60	50
473	B12 PSM4 25.0(K)	25	12	18.5	75	56	114	108	102	96	90	84	72	60
474	B15 PSM4 30.0(K)	30	15	22.5	75	56	142.5	135	127.5	120	112.5	105	90	75

CABLE SELECTION CHART



CABLE SELECTION CHART 415 Volts, 50 Hz, DOL Starter V4 & V6

Cable length in Mtrs	10	20	30	40	50	60	70	80	90	100	110	120	140	180	200
HP	Size of Cable in Sq.mm														
1	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5						
1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
2	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
3	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	4
4	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	4
5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	4	4	4	4	4
6	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
7.5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
10	4	4	4	4	4	4	4	4	4	4	4	6	6	6	6

CABLE SELECTION CHART 415 Volts, 50 Hz, Star Delta Starter V6

Cable length in Mtrs	10	20	30	40	50	60	70	80	90	100	110	120	140	180	200
HP	Size of Cable in Sq.mm														
7.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	4	4	4	4	4	4	4
10	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
12.5	4	4	4	4	4	4	4	4	6	6	6	6	6	6	6
15	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
17.5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
20	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
25	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
30	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6

CABLE SELECTION CHART 220 Volts, 50 Hz, Starter Single Phase V4

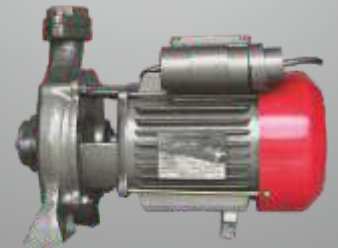
Cable length in Mtrs	10	20	30	40	50	60	70	80	90	100	110	130	140	180	200
HP	Size of Cable in Sq.mm														
0.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5								
0.75	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5							
0.85	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5							
1	1.5	1.5	1.5	1.5	1.5	1.5	2.5	2.5	2.5	2.5	2.5				
1.25	1.5	1.5	1.5	1.5	1.5	1.5	2.5	2.5	2.5	2.5	2.5	4	4	4	4
1.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	4	4	4	4	4	4	4
2	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	4	4	4	4	4	4	4
2.5	2.5	2.5	2.5	2.5	4	4	4	4	4	4	4	4	4	4	4
3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
7.5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6

'V' Notch Chart

Height Over 'V' Notch	0.5"	0.75"	1"	1.25"	1.5"	2"	2.5"	3"	4"	4.5"	5"	6"	6.5"	7"
Discharge in LPM	1.6	4	9	15	25	50	86	136	276	370	480	755	921	1107

CAPACITOR SELECTION CHART

CAPACITOR SELECTION CHART FOR 1 Ph 220 Volts, 50 Hz, V3,V4,V6 Pumpsets		
HP	Running Capacitor 440 Volts	Starting Capacitor 275 Volts
0.35	25 mfd	120-150 mfd
0.5	25 mfd	120-150 mfd
0.75	36 mfd	120-150 mfd
0.85	36 mfd	120-150 mfd
1	36 mfd	120-150 mfd
1.25	36+25 mfd	120-150 mfd
1.5	36+25 mfd	120-150 mfd
2	36+36 mfd	150-200 mfd
2.5	36+36 mfd	150-200 mfd
3	50+50 mfd	150-200 mfd
4	50+50 mfd	150-200 mfd
5	100+50 mfd	250-300 mfd
6	180 mfd	250-300 mfd
7.5	230 mfd	250-300 mfd
10	280 mfd	250-300 mfd



- Monoblock Centrifugal Pumps
- Double Stage Monoblock Pumps
- Domestic Centrifugal Pumps
- Openwell Submersible Pump

- Sewage Submersible Pumpset
- Vertical Openwell Submersible Pump
- Jeevan Domestic Pumps
- Non-clog Pumps

- Jet Pumps
- Tractor Pumps (with Italian technology)

Monoblock Centrifugal Pumps

Uses :

> Agriculture, Industries, Domestic Areas

Salient features :

- > Can run on Low Voltage
- > Pump replacement facility for higher or lower head
- > Various models available from 0.5 Hp to 40 Hp



L-Series : 250 - 440 V / 50Hz - 3 ØAC supply. Other Models 350 to 440 V

Sr. No.	2 Pole Monoblocks (2880 R.P.M.)		Head in Meters																										
	Pump Type	HP	Size mm	6	10	12	15	17	19	21	24	27	30	32	33	35	38	42	48	50	53	56	59	62	65	68	71	74	78
1	0.5AM25HH	0.5	25 x 25	120	110	105	85	70	45	10																			
2	1AL50	1	50 x 50	290	250	210	120																						
3	1AM32HH	1	32 x 25			148	140	133	128	122	108	95	65																
4	1AM40*	1	40 x 32				160	145	125	100	50																		
5	1.5AM40	1.5	40 x 40				260	250	240	220	160	95																	
6	1.5AM50	1.5	50 x 50		500	450	320																						
7	2AM40	2	40 x 32					225	220	218	215	60																	
8	2AH50HH	2	50 x 40				210	190	182	175	150	125	60																
9	2AH50LH	2	50 x 40				290	275	260	235	170																		
10	2AM65*	2	65 x 50		525	475	375	275																					
11	2AM80	2	80 x 65	850	700	550																							
12	3AH50HH	3	50 x 40								245	230	205	190	180	150	100												
13	3AH50LH	3	50 x 40						390	340	300	250	100																
14	3AM60*	3	65 x 50			650	585	520	435	300																			
15	3AM60HH*	3	65 x 50					525	460	350																			
16	3AM80*	3	80 x 65		850	790	600	400																					
17	5AH50HHL	5	50 x 40								500	480	440	420	400	380	340	250	190	140									
18	5AH60HHL*	5	65 x 50									450	435	425	410	375	275												
19	5AH60L*	5	65 x 50					715	680	650	600	525	420	300															
20	5AM75L*	5	75 x 65			1100	1050	980	860	790	490																		
21	7.5AH50HHL	7.5	50 x 40															320	270	240	170	60							
22	7.5AH65L*	7.5	65 x 50									700	645	605	585	530	440	150											
23	7.5AH80L*	7.5	80 x 65							990	920	840	750	660	620	400													
24	7.5AM90L*	7.5	100x75					1320	1245	1155	960	500																	
25	10AH50L*	10	50 x 40																360	350	315	280	240	180					
26	10AH65L*	10	65 x 50											850	800	720	650	465	300										
27	10AH80L*	10	80 x 65										1040	970	940	850	660												
28	10AH90L*	10	100x75							1465	1380	1275	1110	930	700														
29	12.5AH65L	12.5	65 x 50												900	870	820	790	660	600	425								
30	12.5AH80L*	12.5	80 x 65											1110	1050	1025	1000	910	700										
31	12.5AH90L*	12.5	100x75								1620	1520	1360	1200	1050														
32	15AH65HHL	15	65 x 50																	870	800	700	600	480	325				
33	15AH65L	15	65 x 50																800	755	625	525	400						
34	15AH80L*	15	80 x 65													1180	1140	1030	800	710									
35	15AH90L*	15	100x75								1700	1620	1520	1475	1320	1000													
36	15AH90HFL	15	100x75					2500	2300	2100	1900	1700	1000																
37	20AH65	20	65 x 50																		900	840	800	740	650	570	470	300	
38	20AH80*	20	80 x 65																	1200	1180	1120	1044	925	720				
39	20AH90*	20	100x75											1750	1710	1620	1470	1215	600										
40	20AH125	20	125x100					2350	2280	2210	2175	2150	2075	2050	2000	1700	1200												
41	25AH100	25	100x75														1750	1700	1600	1450	1300	1050							
42	25AH125	25	125x100								2550	2400	2350	2300	2250	2200	1800	1600	1400										
43	30AH100	30	100x75															1750	1700	1650	1620	1580	1550	1480	1380				
44	30AH125	30	125x100									2400	2350	2340	2300	2280	2000	1000											
45	40AH125	40	125x100																			2350	2310	2250	2040	1790			

Discharge in LPM

> 3 HP to 40 HP are available in Low-voltage LVH Series (250 to 440V). > Single Ø 460 and 230 V Monoblock Pumps are also available from 0.5 HP to 5 HP
 > 50 x 40 Models are available in 50 x 50 > *BIS and Star rating models are available.

Monoblock Centrifugal Pumps

Water Rating Chart for 'DRL' & 'DR' Series in Monoblock Centrifugal Pumps (250V to 440V)
DRL Series - 3HP to 12.5 HP and DR Series - 15HP to 25 HP

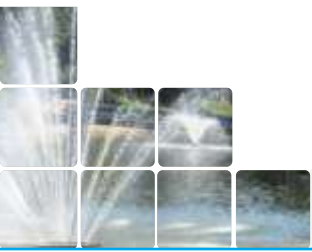


2 Pole Monoblocks (2880 R.P.M.)				Head in Meters																							
Sr. No.	Pump Type	HP	Size MM	12	15	17	19	21	24	27	30	32	33	35	38	42	48	50	53	56	59	62	65	68	71	74	78
1	3AM60DR	3	65X50					650	600	525	420	350	250														
2	3AM80DR	3	80X65	1100	1050	1000	950	700	450																		
3	5AH50HHDR	5	50X40													320	270	240	170	60							
4	5AH65DRL	5	65X50							700	645	605	585	530	440	150											
5	5AH65HHR	5	65X50						710	700	690	660	640	580	550	450	400										
6	5AH80DRL	5	80X65					990	920	840	750	660	620	400													
7	5AH90DRL	5	100x75			1320	1245	1155	960	500																	
8	7.5AH50DRL	7.5	50X40														360	350	315	280	240	180					
9	7.5AH65DRL	7.5	65X50												720	650	465	350									
10	7.5AH65HHR	7.5	65X50							900	890	880	870	855	850	750	550	500	480								
11	7.5AH80DRL	7.5	80X65								1040	970	940	850	660												
12	7.5AH90DRL	7.5	100x75					1465	1380	1275	1110	930	700														
13	7.5AH90HFDRL	7.5	100x75			1700	1450	1150	500																		
14	10AH65DRL	10	65X50									900	870	820	790	660	600	425									
15	10AH65HHR	10	65X50														575	560	555	520	500	480	450	380	300		
16	10AH80DRL	10	80X65											1000	910	700											
17	10AH90DRL	10	100x75						1620	1520	1360	1200	1000														
18	10AH90HFDRL	10	100x75					1650	1300	600																	
19	12.5AH65DRL	12.5	65X50														800	775	650	525	440						
20	12.5AH65HHR	12.5	65X50															900	870	800	700	600	480	325			
21	12.5AH80DRL	12.5	80X65												1140	1040	720	550									
22	12.5AH90HFDRL	12.5	100x75			2500	2300	2100	1900	1700	1000																
23	12.5AH90DRL	12.5	100x75							1700	1620	1520	1475	1320	1000												
24	15AH65DR	15	65X50																900	840	800	740	650	570	470	300	
25	15AH65CD	15	65X50																			650	630	610	590	560	550
26	15AH80DR	15	80X65																1150	1120	1044	925	720				
27	15AH90DR	15	100x75								1755	1710	1600	1430	1150	600											
28	20AH100DR	20	100x75													1650	1600	1450	1300	1200							
29	25AH100DR	25	100x75														1700	1650	1620	1580	1520	1450	1250				

> Above 12.5 HP to 20 HP, 250 V to 440 V LVH Series Available.

Water Rating Chart for 1440 RPM Monoblock Pumps (3 HP to 5 HP)

4 Pole Monoblocks (1440 R.P.M.)				Head in Meters																							
Sr. No.	Pump Type	HP	Size MM	7	8	9	10	12	14	15	16	17	18														
1	3BM65 E	3	65X50		800	780	750	700	600	500	400																
2	3BL100 E	3	100X100	1350	1300	650																					
3	5BM75	5	75X65					1150	1040	910	850	810	600														
4	5BL100	5	100X100		1650	1550	1485	1360	900																		



Double Stage Monoblock Pumps

Uses :

> Ideal for large waterways and large residential complexes

Salient features :

- > Various models available up to 30 HP. Operates up to 100m head
- > Head Range 10m to 98 meters
- > Discharge from 15 L.P.M. to 1210 L.P.M.



Water Rating Chart for 'DS' Series - 2 Stage Monoblock Pumps (1HP to 30HP)

Sr. No.	Pump Type	HP	Size MM	Head in Meters																						
				10	15	20	25	30	35	40	45	50	55	60	62	65	72	75	80	85	90	98				
1	1AH32DS*	1	32 X 32		145	122	95	50																		
2	1AH25DSHH*	1	25 X 25	120	115	103	92	77	55	20																
3	1.5AH32DSHH*	1.5	32 X 25			105	95	80	60	40	15															
4	1.5AH32DS*	1.5	32 X 32		135	130	115	100	70																	
5	2AH32DSHH*	2	32 X 25			120	110	100	85	70	55	35	20													
6	2AH32DS*	2	32 X 32				140	130	125	110	90	55														
7	3AH50DS	3	50 X 40				325	300	250	200	120															
8	5AH50DS	5	50 X 40						300	290	280	260	225	150												
9	7.5AH65DS	7.5	65 X 50							420	400	365	325	290	250	200	150									
10	10AH65DS	10	65 X 50										475	450	425	375	250	150								
11	15AH65DS	15	65 X 50											650	625	600	565	470	425	325	150					
12	20AH65DS	20	65 X 50												775	750	685	660	610	550	500	320				
13	25AH80DS	25	80 X 65												1050	1000	900	800	550							
14	30AH80DS	30	80 X 65													1210	1115	1075	950	700						

> *Above pumps are available in Single Phase and Three Phase.

Water Rating Chart for 'DSDR' Series - 2 Stage Monoblock Pumps (5 HP to 25 HP)

Sr. No.	Pump Type	HP	Size MM	Head in Meters																					
				40	45	50	55	62	65	72	75	80	85	90	95	98									
1	5AH65DSDR	5	65 X 50	420	400	365	325	250	200	150															
2	7.5AH65DSDR	7.5	65 X 50				475	425	375	250	150														
3	12.5AH65DSDR	12.5	65 X 50				650	600	565	470	425	325	150												
4	15AH65DSDR	15	65 X 50					775	750	685	660	610	550	500	425	320									
5	20AH65DSDR	20	65 X 50						800	750	730	720	710	700	625	550									
6	20AH80DSDR	20	80 X 65						1050	1000	900	800	550												
7	25AH80DSDR	25	80 X 65							1210	1115	1075	950	700											

Openwell Submersible Pump

Water Rating Chart for 'SU' Series in Single Stage Horizontal Submersible Pumps (10HP to 30HP)

Sr. No.	Pump Type	HP	Size MM	Head in Meters																											
				15	17	19	21	24	27	30	32	33	34	35	38	42	48	50	53	56	59	60	62	65	68	71	74	78			
1	10AH50SU	10	40												450	400	385	340	280	225	200	100									
2	10AH65SU	10	50				880	860	850	840	830	815	800	740	650	300															
3	10AH65 HH-SU	10	50						950	930	925	920	900	850	800	700	660	500	320												
4	10AH80SU	10	65				1280	1250	1150	1040	970	940	900	810	400																
5	10AH90SU	10	80	1750	1700	1620	1530	1380	1210	990	750																				
6	12.5AH65SU	12.5	50						1030	1000	970	950	930	920	870	780	600	540	400												
7	12.5AH65HH SU	12.5	50													620	600	580	560	550	540	525	500	450	300						
8	12.5AH80SU	12.5	65				1300	1250	1200	1140	1090	1050	1040	1000	910	600															
9	12.5AH90SU	12.5	80	1860	1800	1770	1640	1470	1300	1060	920	780																			
10	15AH65SU	15	50										1000	990	960	900	780	735	660	550	430	380									
11	15AH65HH SU	15	50														870	800	750	700	670	600	480	200							
12	15AH80SU	15	65							1320	1300	1260	1250	1160	1050	800	500														
13	15AH90SU	15	80			2000	1950	1840	1740	1620	1520	1475	1380	1280	800																
14	20AH65SU	20	50												1100	1050	970	950	910	870	810	800	740	690	630	550	460	300			
15	20AH80SU	20	65												1520	1460	1400	1280	1230	1150	1045	900	800	500							
16	20AH90SU	20	80				2000	1960	1860	1760	1680	1640	1600	1560	1420	1220	700														
17	25AH80SU	25	65												1550	1520	1480	1450	1430	1400	1300	1250	1200	1100	900	600					
18	25AH100SU	25	80												2000	1800	1700	1530	1450	1330	1100										
19	25AH125SU	25	100	2750	2700	2650	2550	2400	2300	2200	2100	2050	2000	1900	1800	1500															
20	30AH100SU	30	80													2250	2190	2010	1930	1830	1710	1550	1500	1350	1100						
21	30AH125SU	30	100				3100	3050	3000	2920	2840	2800	2760	2710	2580	2390	2035	1870	1590												

Discharge in LPM

Water Rating Chart for 'L' Series in Submersible Pumps (3HP to 5HP)

Sr. No.	Pump Type	HP	Size MM	Head in Meters																							
				08	10	12	15	17	19	21	23	24	27	28	30	32	33	35	37								
1.	3AH50HHL SU	3	40						490	480	450	425	407	360	330	300	250	225	160	100							
2.	3AM60L SU	3	50		720	700	670	615	585	560	490	400	375	260													
3.	3AM60HHL SU	3	50									500	480	450	430	380	290	220									
4.	3AM80L SU	3	65	1250	1180	1100	970	860	750	580																	
5.	5AM60L SU	5	50				780	760	750	700	680	650	580	520	470	375	320	200									
6.	5AM80L SU	5	65			1170	1150	950	910	860	810	780	670	600	500												
7.	5AM90L SU	5	80		1500	1380	1250	1130	975	790	450	320															

Discharge in LPM

➤ Available in Single Phase and Three Phase with Copper and Alluminium Rotor.

Water Rating Chart for 'L' Series in Submersible Pumps 5 HP (High Head)

Sr. No.	Pump Type	HP	Size MM	Head in Meters																							
				24	27	30	32	33	34	35	38	42	48	50													
1.	5AH50HH LSU	5	40	450	425	405	390	385	375	365	335	280	190	140													

Discharge in LPM

Openwell Submersible Pump

Water Rating Chart for "DR" pumps form 3 HP to 5HP

Sr. No.	Pump Type	HP	Size MM	Head in Meters																				Discharge in LPM		
				8	11	12	15	16	18	19	21	22	24	25	26	28	30	32	33	35	39	41	48		50	56
1	3AH50HHDR SU	3	40/50								520	517	515	505	500	490	475	450	435	420	380	300	250			
2	3AM60DR SU	3	50				750	720	710	690	650	635	600	575	550	500	410	300								
3	3AM80DR SU	3	65	1300	1230	1170	1020	960	860	805	690	600	430													
4	5AH50HHDR SU	5	40																330	327	320	308	300	250	210	60
5	5AH60DR SU	5	50									800	770	750	710	680	645	605	585	530	400	250				
6	5AH60HHDR SU	5	50												750	725	700	680	650	550	500	400				
7	5AH80DR SU	5	65				1060	1050	1030	1010	990	950	900	875	850	785	700	600	550	400						
8	5AM90DR SU	5	75			1550	1450	1370	1270	1200	1100	1020	825	710	600											

➤ Above pumps are available in Alluminium and Copper Rotor.

➤ Above pumps are available in Single Phase and Three Phase.

Water Rating Chart for "DR" pumps form 7.5 HP to 25 HP

Sr. No.	Pump Type	HP	Size MM	Head in Meters																								Discharge in LPM	
				15	17	19	21	24	27	30	32	33	34	35	38	42	48	50	53	56	59	60	62	65	68	71	74		78
1	7.5AH50DR SU	7.5	40													450	400	385	340	280	225	150							
2	7.5AH65DR SU	7.5	50				880	860	850	840	830	815	800	740	650	300													
3	7.5AH65HHDR SU	7.5	50						950	930	915	900	890	850	795	675	625	530	375										
4	7.5AH80DR SU	7.5	65				1280	1250	1150	1040	970	940	900	810	400														
5	7.5AH90DR SU	7.5	80	1750	1700	1620	1530	1380	1210	990	750																		
6	7.5AH90HFDR SU	7.5	80		2000	1700	1500	1000																					
7	10AH65DR SU-E	10	50					1030	1000	970	950	930	920	870	780	600	540	400											
8	10AH65 HHDR SU	10	50												620	600	580	560	550	540	525	490	450	250					
9	10AH80DR SU-E	10	65				1300	1250	1200	1140	1090	1050	1040	1000	910	600													
10	10AH90DR SU-E	10	80	1860	1800	1770	1640	1470	1300	1060	920	780																	
11	12.5AH65DR SU	12.5	50									1000	990	960	900	780	735	660	550	430	380								
12	12.5AH65HHDR SU	12.5	50													870	800	750	700	670	600	480	200						
13	12.5AH80DR SU	12.5	65				1500	1420	1360	1320	1290	1260	1250	1160	1050	800	500												
14	12.5AH90DR SU	12.5	80			2000	1950	1840	1740	1620	1520	1475	1380	1280	800														
15	12.5AH90 HFDR SU	12.5	80			2500	2300	2100	1900	1700	1000																		
16	15AH65DR SU	15	50											1100	1050	970	950	910	870	810	800	740	690	630	550	460	300		
17	15AH80DR SU	15	65											1520	1460	1400	1280	1230	1150	1045	900	830	700						
18	15AH90DR SU	15	80				2000	1960	1860	1760	1680	1640	1600	1560	1420	1220	700												
19	20AH80DR SU	20	65											1550	1520	1480	1450	1430	1400	1300	1250	1200	1100	900	600				
20	20AH100DR SU	20	80											2000	1800	1700	1530	1450	1330	1100									
21	20AH125DR SU	20	100	2750	2700	2650	2550	2400	2300	2200	2100	2050	2000	1900	1800	1500													
22	25AH 80DR SU	25	65													1540	1520	1500	1490	1480	1470	1460	1450	1440	1420	1410	1350	1300	1150
23	25AH 100DR SU	25	80													2250	2190	2010	1930	1830	1710	1550	1500	1350	1100				

Double Stage Openwell Submersible Pump

Salient features :

- > From 1hp to 10hp
- > Head range up to 76 meters
- > Discharge from 15 L.P.M. to 475 L.P.M.



Water Rating Chart for 'DS' Series in Horizontal Submersible Pumps (1 HP to 10 HP)

Sr. No.	Pump type	HP	Outlet Size	Head in Meters																						
				12	15	17	19	21	24	27	30	31	32	33	35	38	42	45	48	50	55	60	62	65	72	76
1	1AS25DSHHSU	1	25	140	115	110	104	102	88	84	77	72	70	62	55	47	-									
2	1.5AS32DSSU	1.5	32		170	160	150	145	135	125	110	105	100	90	80	45										
3	1.5AS32DSHHSU	1.5	25				110	105	95	90	80	75	70	65	60	45	30	15								
4	2AS32DSSU	2	32				175	170	165	160	155	152	150	140	135	125	105	80	60	20						
5	2AS32DSHHSU	2	25					120	110	105	100	95	93	90	85	75	70	55	45	35	20					
6	3AH50DSSU	3	40						330	315	290	280	275	260	225	175	135	100	90							
7	5AH50DSSU	5	40												360	335	300	280	250	235	180	150				
8	7.5AH65DSSU	7.5	50														475	450	425	400	350	280	260	200	150	
9	10AH65DSSU	10	50																		425	375	350	320	200	150

Discharge in LPM

Sewage Submersible Pumpset

Uses :

- > Dewatering of 30 mm to 50 mm sludge / mud particles
- > Muddy Water Pumping Submersible Pump



Sewage Openwell Submersible Pump (Non - Clog Pump)

Sr. No.	Pump Models	HP	Size MM	Head in Meters																					
				2	3	4	6	8	9	10	12	14	15	16	17	18	20	22	23	24	26	27			
1	1AS50SU-E-SWV	1	50	500	475	450	360	260	200	100															
2	1.5AS50SU-E-SWV	1.5	50		520	500	410	320	270	200	100														
3	3AH65SU-E SWV	3	65				550	500	450	400	300	200	100												
4	5AH80SU-E SWV	5	80			950	830	600	500	425	350	275	200	190	180										
5	7.5AH80SU-E SWV	7.5	80					1100	1000	900	800	700	650	600	500	400	300	200							
6	10AH80SU-E SWV	10	80						1400	1350	1300	1280	1250	1200	1150	1100	900	650	500	400	300	200			

Discharge in LPM

Vertical Openwell Submersible Pump



Uses :

- High Rise Buildings, Building Construction

Salient features :

- From 5hp to 25 hp
- Head range up to 125 meters
- Discharge from 100 L.P.M. to 1600 L.P.M.

Vertical Submersible Pumps (5HP to 7.5HP)

Sr	Pump Model	HP	Size (mm)	Head in Meters																					
				10	12	14	18	20	23	26	30	35	40	46	48	55	60	64	68	70	75	82	88		
01	5AM65V3SU	5	65									600	560	520	460	400	300	100							
02	5AH65DRV4SU	5	65									600	550	500	450	420	350	300	220	100					
03	7.5AH65V3SU	7.5	65		650	645	635	630	625	620	610	600	575	560	550	475	440	400	350	300					
04	7.5AH65HHV3SU	7.5	65				660	650	645	640	630	610	600	590	580	520	460	420	400	380	300				
05	7.5AH65V4SU	7.5	65					700	685	670	630	600	560	540	510	450	400	360	330	300	230				
06	7.5AH65DRV4SU	7.5	65										600	570	550	500	480	430	380	350	300	100			
07	7.5AH65DRV6SU	7.5	65											600	580	550	520	480	440	420	380	320	200		

Discharge in LPM

Vertical Submersible Pumps (10HP to 25HP)

Sr	Pump Model	HP	Size (mm)	Head in Meters																								
				14	18	20	30	32	40	41	44	46	48	55	63	64	65	68	70	75	81	86	90	100	105	110	120	125
08	10AH65V3SU	10	65			770	700	690	665	660	650	640	625	535	480	430	360	280	240	275								
09	10AH65V4SU	10	65								900	830	820	740	630	610	590	550	500	400	200							
10	10AH65DRV4SU	10	65	1150	1130	1100	1030	1015	950	970	900	870	840	750	700	650	630	610	590	450	160							
11	10AH65V6SU	10	65												600	590	580	560	540	500	470	430	390	320	280			
12	10AH65DRV6SU	10	65											580	560	540	530	520	510	480	450	410	400	320	270	170		
13	12.5AH65V4SU	12.5	65			740	700	695	680	675	670	660	650	620	590	560	540	530	510	470	400	320	300					
14	12.5AH65V6SU	12.5	65													600	590	580	540	510	490	460	400	350	350	200		
15	12.5AH80DRV4SU	12.5	80					1000	970	950	900	850	820	800	730	710	690	650	600	520	340	200						
16	15AH65V4SU	15	65			740	720	715	700	695	690	685	680	650	635	620	610	605	600	560	540	470	450	320				
17	15AH65V6SU	15	65																600	580	540	515	500	450	435	380	330	250
18	15AH80V2SU	15	80		1200	1190	1170	1165	1080	1040	1000	960	925	760	650	550												
19	15AH80DRV4SU	15	80									1000	970	940	870	850	840	790	760	730	500	520	490					
20	15AH100V2SU	15	100		1550	1520	1370	1310	1060	900	750	610	500															
21	20AH80V3SU	20	80						1150	1130	1110	1095	1080	1000	950	900	870	840	810	750	650	480	400					
22	20AH80V6SU	20	80															900	870	840	805	760	730	660	640	590	490	
23	20AH80DRV4SU	20	80						1200	1160	1100	1070	1040	1010	1000	990	960	930	870	800	740	680	500	400				
24	20AH100V2SU	20	100			1600	1550	1310	1270	1230	1190	1160	950	720	500													
25	20AH100V3SU	20	100																1100	1000	850	550	400					
26	25AH100V2SU	25	100			1500	1490	1460	1455	1450	1445	1440	1410	1300	1200	1140	1080	1000	840	280								

Discharge in LPM

Jeevan Domestic Pumps

Uses :

- Building Construction, High Rise Buildings, Hotels

Salient features :

- Head range from 4 to 60 meters
- Discharge from 300 L.P.H. to 3750 L.P.H.



Jeevan Self Priming Pump

Sr. No.	Model	HP	Head in Meters															
			4	8	12	16	20	24	26	28	32	36	40	44	48	52	56	60
1	J-25	0.25	1800	1620	1380	1140	900	600	400	300								
2	J-45	0.50	1900	1700	1590	1350	1050	770	450									
3	J-45+	0.50	1765	1590	1370	1135	895	620	440									
4	J-48	0.50	1820	1650	1550	1250	1000	650	600	500								
5	J-49	0.50	1900	1750	1500	1300	1050	750	650	550								
6	J-50	0.50	2160	1860	1620	1380	1140	900	800	660	480							
7	J-51C	0.50	2700	2580	2180	1850	1600	1340	1200	1050	800	400						
8	J-54	0.50	3300	2880	2580	2340	2040	1800	1720	1500	1260	1020	660					
9	J-40	0.50	1750	1610	1370	1170	860	620	400	300								
10	J-75	0.75		2560	2500	2320	2080	1900	1780	1660	1480	1180	1000	760				
11	J-100	1	2700	2610	2550	2370	2120	1960	1810	1720	1530	1230	1050	795	650			
12	J-101	1	3750	3680	3570	3440	3280	3050	2960	2780	2500	2160	1870	1600	1250	930	650	500
13	J-104	1	2100	1820	1600	1360	1140	910	800	700	400							
14	J-105	1	3400	3120	2640	2420	2000	1790	1570	1340	1120	1020	550					
15	J-106	1	2700	2580	2180	1850	1600	1340	1200	1050	800	400						
16	J-106+	1	2780	2510	2230	1930	1650	1390	1240	1100	780	460						

Discharge in LPH

Jeevan Self Priming Pump

Sr. No.	Model	HP	Head in Meters															
			4	8	12	16	20	24	26	28	32	36	40	44	48	52	56	60
1	J-52/52C	0.50	3000	2820	2280	2040	1800	1560	1320	1020	600							
2	J-102	1	2700	2650	2410	2150	2090	1820	1790	1585	1220	1083	850	550	300			
3	J-102E	1	2730	2460	2200	1955	1725	1460	1310	1165	800	400						

Discharge in LPH

Magic Suction

Sr. No.	Model	HP	Head in Meters															
			4	8	12	16	20	24	26	28	32	36	40	44	48	52	56	60
1	J-55	0.50	1850	1650	1400	1250	850	480										
2	J-109	1	2090	1980	1750	1560	1350	1200	1150	980	660	460						
Slow Speed Self Priming Pump																		
3	J-111D	1		3400	3000	2700	2300	2160	2000	1800	1660	1450	1150	930	600			

Discharge in LPH



Jeevan Domestic Pumps

Uses :

> Building Construction, High Rise Buildings, Hotels



Jeevan Openwell Submersible & Economical Pumps

Sr. No.	Model	HP	Head in Meters											
			12	16	18	20	24	26	28	32	34	36	38	
1	0.5AS25HHSU	0.5	126	96	75									
2	1AS32J-SU-3 Mtr	1	158	150	137	112	48							
3	1AS32HHSUE	1		153	142	132	109	93	72					
4	1.5AS32HHSUE-3Mtr	1.5				144	132	123	113	86	68	44	22	

Models can be supplied with 10mtr cable & panel box

Jeevan Cetrifugal Pump

Sr. No.	Model	HP	Head in Meters														
			6	8	10	12	14	16	18	20	22	24	26	28	30		
1	0.5AS25HH	0.5				125	110	90	65	35							
2	0.5AS25HH-N	0.5			101	100	99	98	92	62							
3	0.5AS25HH-ECO	0.5		97	96	95	92	68	36								
4	1AS 25 HH-ECO-J	1			100	95	95	95	95	95	80	48					
5	1AS32HH	1			115	110	105	102	100	96	94	90	85	65	23		
6	1AS40-J-CI	1			274	270	250	215	170								
7	1AS50-J-CI	1		490	430	330	180										
8	1.5AS40-J	1.5			456	420	366	306	240	120							
9	1.5AS50-J	1.5		474	432	390	336	282	216	90							
10	1.5AS65-J	1.5		516	456	408	354	276	150								
11	2AS50 JE (50x40)	2			456	420	366	306	240	120							
12	2AS50-J	2		432	408	378	345	306	352	192	60						
13	2AS65-J	2		630	580	550	520	440	360	240							
14	2AS65-JE	2		516	456	408	354	276	150								
15	2AS80-J	2	920	830	740	550											
16	3AS50JE	3		432	408	378	345	306	252	192	60						
17	3AS65JE	3		630	580	550	520	440	360	240							
18	3AS80JE	3	920	830	740	550											

Jeevan Slow Speed Self Priming Pump

Sr. No.	Model	HP	Head in Meters															
			3	6	9	12	15	18	21	24	27	30	33	36	39	42	45	48
1	0.5BS25	0.5	2500	2300	2100	1900	1700	1550	1300	1100	900	600	400	Discharge in LPH				

Jeevan Cetrifugal Pump 2.0 hp

Sr. No.	Model	HP	Head in Meters														
			3	6	9	12	15	18	20	21	24	27	30	33	36	39	42
1	2AS50-2PH	2				350	330	240	200	160	Discharge in LPM						
2	2AS65-2PH	2			600	540	450	360	270	Discharge in LPM							
3	2AS80-2PH	2	920	790	550					Discharge in LPM							

Non-clog Pumps

Uses :

- > Building, Building Construction, Dewatering, Public Facility Industry, Water Treatment Plants, Agriculture And Irrigation



Performance of LSP self-priming coupled pumps at rated frequency

Pump model	Power Rating		Pipe size (mm)		Impeller Dia.(mm)	Total Head in meters																	Solid handling size(mm)	Rated speed (R.P.M.)		
	kW	HP	Suc.	Del.		6	8	10	12	14	15	16	18	19	20	22	24	25	26	28	30	32			34	35
						Capacity in Liter/Second																				
Motor Coupled																										
LSP1-40	0.75	1.0	40	40	120	5.0	4.0	3.3	2.4	0.8	-	-	-	-	-	-	-	-	-	-	-	-	-	8.0	2820	
LSP2-40	1.5	2.0	40	40	140	-	5.5	5.0	4.5	3.8	3.3	2.8	1.7	1.0	-	-	-	-	-	-	-	-	-	9.0	2860	
LSP3-50	2.2	3.0	50	50	150	-	8.3	7.9	7.3	6.7	6.3	6.0	5.0	4.4	3.9	2.8	1.3	0.8	-	-	-	-	-	11.0	2900	
LSP5-80L	3.7	5.0	80	80	180	-	18	16.5	14.2	10.3	8.7	6.0	-	-	-	-	-	-	-	-	-	-	-	15.0	1440	
LSP5-80H	3.7	5.0	80	80	-	-	-	-	-	-	-	-	-	11.0	10.6	9.3	8.5	8.0	7.3	6.3	4.8	2.5	-	8.0	2900	
LSP7.5-80	5.5	7.5	80	80	180	-	-	-	-	-	-	-	-	16.7	16.2	15.3	14.5	14.0	13.3	11.7	10.0	8.3	6.0	5.0	15.0	2920
LSP10-100	7.5	10.0	100	100	290	-	-	-	-	-	25	23	21.8	21.0	20	17	12.7	10	6.7	-	-	-	-	20.0	1460	
LSP14-100	11.2	15	100	100	-	-	-	-	-	-	-	32.6	28.3	27.3	25	23.2	18.6	15.8	13.3	10.6	-	-	-	24.0	1460	

Performance of LSPM self-priming monoblock pumps at rated frequency

Pump Model	Power Rating		Pipe size (mm)		Total Head in meters																	Solid handling size (mm)	Rated speed (R.P.M.)		
	kW	HP	Suc.	Del.	6	8	10	12	14	15	16	18	19	20	22	24	25	26	28	30	32				
					Capacity in Liter/Second																				
LSPM1-40	0.75	1.0	40	40	5.0	4.0	3.3	2.4	0.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.0	2820
LSPM2-40	1.5	2.0	40	40	-	5.5	5.0	4.5	3.8	3.3	2.8	1.7	1.0	-	-	-	-	-	-	-	-	-	-	9.0	2860
LSPM3-50	2.2	3.0	50	50	-	8.3	7.9	7.3	6.7	6.3	6.0	5.0	4.4	3.90	2.80	1.30	0.8	-	-	-	-	-	-	15.0	2860
LSPM5-80L	3.7	5.0	80	80	-	18.0	16.5	14.2	10.3	8.70	6.0	-	-	-	-	-	-	-	-	-	-	-	-	15.0	1440
LSPM5-80H	3.7	5.0	80	80	-	-	-	-	-	-	-	-	-	11.0	10.6	9.3	8.5	8.0	7.3	6.3	4.8	2.5	8.0	2900	

Note : Performance applicable to liquid of specific gravity 1 and viscosity as of water.



Tractor Pumps (with Italian technology)

Salient features :

- Use for tractors where there is no electricity
- P.T.O. Can be attached to tractor with the help of bracket by connecting shaft
- First Indian pump with Italian technology gear box
- Can be used on trolley or tractor
- Easy to fetch water from river or canal with tractor attachment
- Available with coupling and bracket pump at separate cost



Tractor pumps

Sr. No.	Pump Type	HP	Size MM	Head in Meters																					
				17	21	24	27	30	32	33	35	38	42	48	50	53	56	59	62	65	68	71	74	78	
1	TG-15AH65	15	65x50													870	800	700	600	480	325				
2	TG-15AH80	15	80x65								1140	1030	800	710											
3	TG-15AH90HF	15	90x80	2300	2050	1800	1500	1000																	
4	TG-15AH100	15	100x80				1700	1620	1520	1475	1320	1000													
5	TG-20AH65	20	65x50														1000	950	880	800	700	600	530	350	
6	TG-20AH80	20	80x65												1180	1120	1044	925	720						
7	TG-20AH100	20	100x80					1755	1710	1620	1470	1215	600												
8	TG-25AH100	25	100x80								1750	1650	1500	1450	1200	1050									
9	TG-30AH100	30	100x80										1750	1680	1650	1600	1550	1510	1480	1380					

Discharge in LPM

Jet Pumps

Uses :

- Houses, Bungalows, High-rise Buildings, Garages, Sprinklers

Specialities :

- Same pump can be mounted horizontally or vertically
- Stainless steel shaft extends pump life
- Available in single phase and three phase from 0.5 hp and 1 hp

Water Rating Chart for Jet Centrifugal Pump Combination (230V/50Hz - 1 Ø supply)

Sr. No.	Type	HP (kW)	Pipe size in mm			Minimum Bore Diameter mm	Delivery Head kg/cm ²	Discharge in liters per hour at various suction lifts in meter										
			Suction	Pressure	Delivery			09	12	15	18	21	24	27	30	33	36	42
1.	0.5 C4 H	0.5(0.37)	32	25	25	100	1.4	1400	1350	1300	1100	800	650	550	400	----	----	----
2.	1 C4 HHS	1.0(0.75)	32	25	25	100	1.8	----	----	----	----	1300	1150	950	800	600	500	300

Discharge in LPH

- The above performance is for minimum 2 meters submergence of Jet below water level.
- Delivery head indicated above is minimum pressure required for successful operation of Jet.
- Delivery head = Static Delivery head + Friction and other losses in delivery system.
- Above models available in 3 Phase. Do not run in dry condition, to avoid mechanical seal damage.



Pressure Booster Pumps

Uses :

- > Domestic Small & Big Bungalows, Multistorey Buildings, Hotels & Malls
Hospitals, Building Construction, Dewatering, Public Facility Industry



Pressure Booster Pump

HORIZONTAL MULTI-STAGE PRESSURE BOOSTER PUMP WITHOUT ACCESSORIES (SINGLE PHASE)

Sr	Model	K.W.	H.P.	PIPE SIZE		NO.OF.	MAX	HEAD RANGE IN MTRS		DISCHARGE	
				IN MM	STAGES			PRESSURE	MIN	MAX	IN LPM
						MAX	MIN				
1	MGB001-LPB-0.5	0.55	0.8	25 x 25	3	3 BAR	17	25	88	39	
2	MGB002-LPB-1.0	0.75	1	25 x 25	4	4 BAR	16	35	95	26	
3	MGB003-LPB-1.5	1	1.5	25 x 25	5	5 BAR	18	45	92	30	
4	MGB004-LPB-2.0	1.5	2	25 x 25	6	6 BAR	14	55	97	40	

CABLE SELECTION CHART

For 415V Openwell submersible pumps with Direct on Line starting

Sr. No.	HP		Cable Size in Sq.mm				
			1.5	2.5	4	6	10
1	1	Total cable length in meters	180	300	-	-	-
2	1.5		170	280	-	-	-
3	2		160	270	-	-	-
4	3		110	180	280	-	-
5	5		-	110	170	250	-
6	7.5		-	80	125	180	300
7	7.5 DR		-	-	105	150	260

For 415V Openwell submersible pumps with Star Delta starting

Sr. No.	HP		Cable Size in Sq.mm				
			1.5	2.5	4	6	10
1	10	Total cable length in meters	-	100	150	225	-
2	12.5		-	80	120	180	290
3	15		-	-	100	145	245
4	20		-	-	-	120	180
5	25		-	-	-	100	160
6	30		-	-	-	90	150

For 230V Single phase Openwell submersible pumps

Sr. No.	HP	Max. Current in Amp.		Cable Size in Sq.mm					Start Capacitor	Run Capacitor
				1.5	2.5	4	6	10		
1	0.5	6	Total cable length in meters	75	125	-	-	-	-	25 μ F/440V
2	1	8		50	80	120	-	-	-	30 μ F/440V
3	1	8		50	80	120	-	-	-	46 μ F/440V
4	1.5	9.5		-	70	110	150	-	-	60 μ F/440V
5	2	10		-	70	110	150	-	-	60 μ F/440V
6	2 HH*	13		-	60	90	140	-	-	70 μ F/440V
7	3	15.5		-	60	120	160	-	200-250 μ F/275V	90 μ F/440V
8	5	25.5		-	-	60	90	140	200-250 μ F/275V	120 μ F/440V

HH* - High Head

For 230V Single phase Monoblock pumps

Sr. No.	HP	Max. Current in Amp.		Cable Size in Sq.mm						Run Capacitor
				1	1.5	2.5	4	6	10	
1	0.5	3	Total cable length in meters	30	55	85	-	-	-	10 μ F/440V
2	1	5.7		-	60	100	150	-	-	20 μ F/440V
3	1.5	9		-	30	70	105	135	-	40 μ F/440V
4	2	10		-	-	60	100	120	-	50 μ F/440V
5	3	14		-	-	50	75	105	130	40 μ F/440V
6	5	22		-	-	-	55	85	120	120 μ F/440V

Gallery



Gallery



LP/HMC/01

सावधान!

- डुप्लिकेट लक्ष्मी पंप पासून सावधान .
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1.5 Sq. mm



2.5 Sq. mm



4.0 Sq. mm



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**PURE COPPER
CORRECT GAUGE**

Features

- Product Range: 1.5 Sq. mm to 6.0 Sq. mm
- Conforms to IS 694
- Continuous current conductor temperature : 70° C
- Specially formulated PVC compound
- Better abrasion and impact resistance
- Higher current carrying capacity

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POWER SAVER PUMPS



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- Less Power Consumption and Less Current Bill.
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- Wide Range of Products.
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- Material of Superior quality standards used in manufacturing.
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- Higher head and water discharge than market standards.

Note: In the view of continuous improvements, the product is subject to continuous change and may differ from the specifications given.

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