

ALGO GROUP OF COMPANIES

ALGO FLUID SYSTEMS PRIVATE LIMITED

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INTL. STOCK HUBS : NAIROBI - KENYA, VALENCIA - SPAIN

www.algopumps.com



* For Specific Models

AN ISO 9001 COMPANY

**PRODUCT
CATALOGUE
50Hz**



Algo Profile

Algo positions itself as not just a pump manufacturing company but as a dependable, technologically sound and one stop solution provider to meet the diverse needs of customers across the globe. Understanding the need of efficient and cost effective pumping solutions and fluid management systems ALGO is established by the veterans having more than 30 years of diversified experience.

To overcome the current challenges in providing energy efficient and complete pumping solutions and meet the requirement of discerning customers ALGO is determined to offer technologically integrated and inventive pumping systems & Solutions at affordable prices.

With the vast experience gained in both domestic and international markets ALGO products are designed and produced with synergy of best in class technologies and processes with international standards. Most of its products are ISI certified and manufacturing facilities are accredited with ISO 9001.

Algo stays abreast of the major changes worldwide in terms of technology and processes. This combines with the ability to understand customers' requirement allows for the development of products that meet the challenges of tomorrow.

Algo has comprehensive range of products to cater Residential, Agriculture, Building services, Industrial & waste water segments. Algo's highly qualified Engineers and technicians assure satisfactory service at all time

The ability & Impetus of ALGO in product development, Pricing, Promotion, e-commerce strategies will result in sustainable competitive advantages for all stake holders. We at ALGO always strive to focus on current industry trend and meet the next generation pumping requirements.



Algo Value proposition

Affordable Price

Longer Life

Greater Performance

Outstanding Service



Vision, Mission & Values

To provide technologically integrated and ultramodern fluid management systems and solutions for diversified applications at affordable prices and become one of the pump majors globally.

To ensure that we meet all the standards of safety, efficiency, hygiene and environment protection and contribute significantly in developing systems for energy saving.

Our Values are defined by our dedication to Quality, Principles & Integrity that lead to customers' satisfaction all time and ultimate success of the company and its stakeholders.



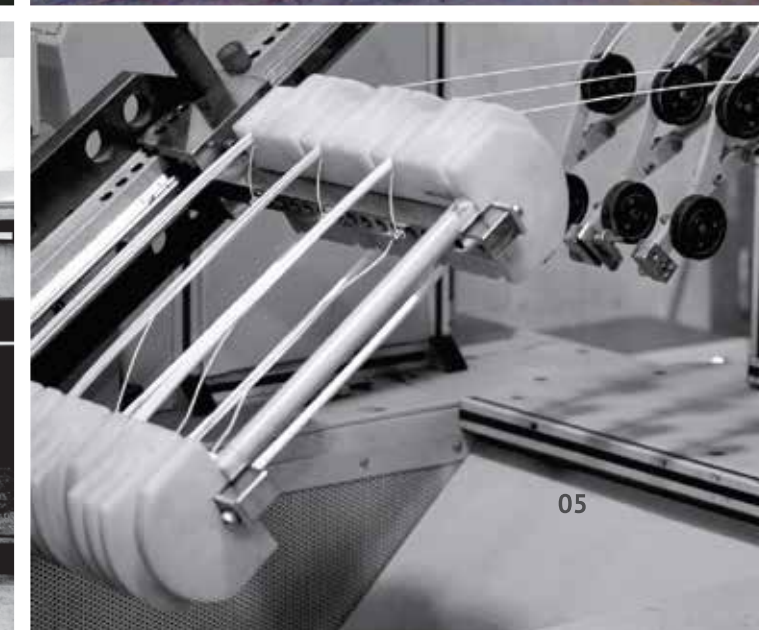
Quality Policy

We are determined to offer reliable & Innovative products and services with high standards, Dedicated to understand & meet customers' requirements on time.

We are committed to focus on introducing industry best technologies & Concepts to save energy, protect environment and to give high priority for customers' satisfaction all time.



Our Infrastructure



Our Global Network

Produced with 32 years of experience
Complying with International standards
Exporting to more than 60 countries
More than 900 Distributors



PRODUCT RANGE



Lima/Ryno/Chutti Series
Self Priming Regenerative Pumps
Pg.No: 16



Magni/Axer Series
Super Suction Self Priming Pumps
Pg.No: 17



JaRo Series
High Pressure Selfpriming Pumps
Pg.No: 18



Manzy-F Series
Monoblock Pump
Pg.No: 30



AP Series
Peripheral Pumps
Pg.No: 32



CM Series
Centrifugal Monoblock Pumps
Pg.No: 33



AMS & VMS Series
Self Priming Monoblock Pumps
Pg.No: 19



Pressmac Series
Pressure Booster Systems
Pg.No: 20



X-Stream Series
Automatic Pressure Boosting
System with VFD
Pg.No: 21



CMS Series
Stainless Steel Monoblock Pumps
Pg.No: 34



CM Series / CMS Series
Centrifugal Monoblock Pumps
Pg.No: 35 to 38



Hora+ / Xeno / Hilux Series
Horizontal Openwell Pumps
Pg.No: 39 / 40 / 41



Booma Series
Pressure Boosting Pumps
Pg.No: 22



Vensa Series
Horizontal Multistage Pumps
Pg.No: 23



Zala Series
Vertical Multistage Pumps
Pg.No: 24



Selfos Series
Horizontal Self Priming
Openwell Pumps
Pg.No: 42



Hora-M Series
Horizontal Openwell Pumps (lph)
Pg.No: 43



Forza Series
Fountain Pump
Pg.No: 44



Hyro Series
Vertical Multistage Pumps
Pg.No: 25



Manzy Series
Centrifugal Monoblock Pumps
Pg.No: 26



Manzy Grand Series
Monoblock Pump
Pg.No: 28



Hora Series
Horizontal Openwell Pumps (3 ph)
Pg.No: 45



Verna+ & Verna Series
Vertical Openwell Pumps (1ph & 3 ph)
Pg.No: 47 / 48

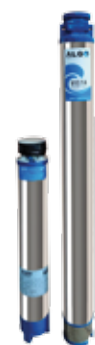


Master Pack Series
4" Submersible Pump With Accessories
Pg.No: 53

PRODUCT RANGE



BenZa Series
Sump Pumps
Pg.No: 54



Vista Series
3" Submersible Pumps
Pg.No: 55



Jeeto Series
4" Submersible Pumps
Pg.No: 56



BlaZy Series
Hot Water Circulatory Pumps
Pg.No: 74



JetMatic Series
Hi-Pressure Car Washer
Pg.No: 76



ZinGo Series
Mini Submersible Pump
Pg.No: 77



X-Ora Series
4" Oilfilled Pumpset
Pg.No: 59



Rambo & Maxi Blue
6" Submersible Pumps
Pg.No: 60



JS Series
Self Priming SS Jet Pumps
Pg.No: 66



SenDra Series
Waste Water Submersible Pumps
Pg.No: 78



Jawa Series
Waste Water Pumps With Cutter
Pg.No: 79



BloRa Series
Waste Water Submersible Pumps
Pg.No: 80



JS Series
Self Priming SS Jet Pumps
Pg.No: 68



JB Series
Self Priming Jet Pumps
Pg.No: 69



JDW Series
Deep Well Jet Pumps
Pg.No: 70



BloRa-D Series
Waste Water Submersible Pumps
Pg.No: 82



Hynox Series
SS Waste Water Submersible Pumps
Pg.No: 84



Ronda Series
Submersible Slurry Pump
Pg.No: 85



JSW Series
Shallow well Jet Pumps
Pg.No: 71



AMC & ABC Series
Mono & Borewell Compressors
Pg.No: 72



Simpo Series
Swimming Pool Pump
Pg.No: 73



Fango Series
Mud Monoblock Pump
Pg.No: 86



Surwa Series
Non-clog Self Priming Pumps
Pg.No: 87

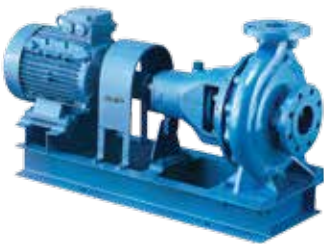


Surwa-H Series
Non-clog Self Priming Pumps
Pg.No: 88

PRODUCT RANGE



ESD Series
Non Clog Self Priming Centrifugal Pumps
Pg.No: 89



ESAR Series
End Suction Centrifugal Pumps
Pg.No: 90



ESAM Series
End Suction Centrifugal Pumps
Pg.No: 92



AMP Series
SS Centrifugal Pump
Pg.No: 100



Melto Series
Oil Transfer Pumps
Pg.No: 101



ASSP Series
Self Priming Monoblock Pumps
Pg.No: 102



WDP Series
Well Point De-Watering Pumps
Pg.No: 93



IS Series
In-line Single Stage Vertical Pumps
Pg.No: 94



AHS Series
Horizontal Splitcase Pumps
Pg.No: 94



BL Series
Barell Pumps
Pg.No: 103



STP Series
Septic Tank Vacuum Pumps
Pg.No: 104



WVP Series
Vacuum Pumps
Pg.No: 104



AHM Series
Horizontal Multistage Pumps
Pg.No: 95



Induction Motor
Pg.No: 95



APCX Series
PP Chemical Pumps
Pg.No: 96



PEP Series
Portable Engine Pumps
Pg.No: 104



TDP Series
Tractor Driven Pumps
Pg.No: 104



VSP Series
Vertical Sump Pumps
Pg.No: 104



APMD Series
Sealless Magnetic Drive Chemical Pumps
Pg.No: 97



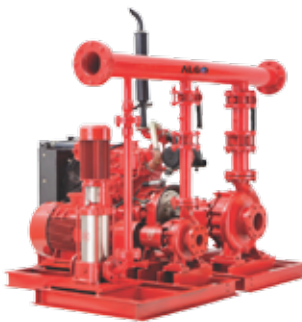
Santa Series
Dairy Pumps
Pg.No: 98



ACFP Series
Centrifugal Pumps
Pg.No: 99



HI-RISE Series
Hydro Pneumatic Systems
Pg.No: 105



AFS Series
Fire Fighting Systems
Pg.No: 105



IMS Series
Immersion Coolant Pumps
Pg.No: 105

PRODUCT RANGE

PRODUCT RANGE

PRODUCT RANGE



VGLP Series
Vertical Glandless Pump
Pg.No: 105



ATP Series
Triplex Plunger Pumps
Pg.No: 105



PD Series
Positive Displacement Pumps
Pg.No: 106



Rolon Series
Flexible Hose
Pg.No: 122



Submersible / UG & Solar Cables
Pg.No: 123



Accessories
Pg.No: 124



RGP Series
Rotary Gear Pumps
Pg.No: 108



Rocon & Rodos Series
RO Dosing Pump & Controller
Pg.No: 109



CDOS Series
Plunger Pumps
Pg.No: 113



Submersible Pumpsets- India



Stainless Still Deep Well
Submersible Pumps- Alinox Series



Water Cooled Rewindable
Submersible Motors- Aqua Series



CDOS Series
Hydraulic Diaphragm Pump
Pg.No: 114



CDOS Series
Mechanically Diaphragm Pumps
Pg.No: 115



CAG Series
Agitators
Pg.No: 116



Casted SS Submersible Pumps-
Maxie Series



Cast Iron Submersible Pumps-
Maxie Blue Series



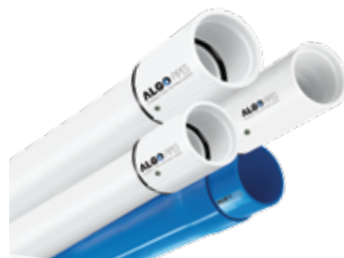
Oil Filled Motor- Lavo Series



EP, Savia, Aquapol & AK Series
Pressure Controller, Float Switch,
Water Level Controller & DOL Starter
Pg.No: 117



Control Panels
Pg.No: 118



uPVC Column Pipes & Casing Pipes
Pg.No: 120



BM Series
Vertical Multistage Pumps



BR Series
Horizontal Multistage Pumps

SELF PRIMING REGENERATIVE PUMPS

Lima/
Ryno/Chutti

S E R I E S

Self Priming Regenerative Pumps



Specification

Power	0.5 & 1 HP
Speed	2900 rpm
Version	1Ph 230V , 50Hz
Duty	S1 (Continuous)
Protection	IP 44
Insulation Class	B'
Head Range	6 to 50m
Flow Range	3 to 137lpm

Materials of Construction

Pump Casing & Bracket	Cast iron
Motor Body	Aluminum/Cast iron
Impeller	Forged Brass
Shaft	SS 410 / EN-8
Mechanical Seal	Carbon Ceramic
Bearing	Double Shielded ball bearing

Operating Conditions

Suction Lift	upto 8 mtrs
Max. Liquid Temp.	50°C
Max. Ambient Temp.	40°C
Max. Operating Pressure	8 bar

Applications

Residential
Pressure Boosting
Gardens
Water Treatment
Washing Systems

Performance Table

Model	HP	kW	Phase	Pump Size (mm)		Head in meter									
						6	9	12	15	18	21	24	27	30	36
Jinda 50	0.5	0.37	1Ph	25x25	Discharge In lpm	24	14	6	2						
JITU -50	0.5	0.37	1Ph	25x25		25	20	17	14	11	8	4			
Chutti-50	0.5	0.37	1Ph	25x25		28	23	18	14	13	6	3			
Rado-50	0.5	0.37	1Ph	25x25		35	32	30	26	24	21	7	3		
Gilli-50	0.5	0.37	1Ph	25x25		32	29	25	21	19	15	12	6		
LIMA 50	0.5	0.37	1Ph	25x25		30	27	23	18	15	13	10	6		
RYNO 50	0.5	0.37	1Ph	25x25		42	39	32	29	23	21	15	12	5	
Kenta-100	1	0.75	1Ph	25x25		50	45	40	36	32	29	22	15	12	
Gilli-100	1	0.75	1Ph	25x25		37	34	30	26	24	19	17	13	11	6
Rado-100	1	0.75	1Ph	25x25		40	37	34	32	29	27	24	18	17	11
LIMA 100	1	0.75	1Ph	25x25		48	43	41	37	34	30	27	25	20	10
RYNO 100	1	0.75	1Ph	25x25		57	55	52	48	44	40	38	34	33	25
RYNO Grand 100	1	0.75	1Ph	25x25		59	58	58	53	48	47	42	37	35	30
RYNO-150	1.5	1.1	1Ph	25x25		58	57	56	55	53	52	50	46	43	35

Special Features



Precisely Balanced
Impeller and Shaft



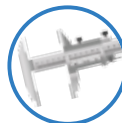
Double Shielded
Ball Bearings



Heavy Duty Forged
Brass Impeller



Fitted with T.O.P



Integrated Quality
Control Systems

SUPER SUCTION SELF PRIMING PUMPS

Magni
Axe

S E R I E S

Super Suction Self Priming Pumps



Specification

Power	0.5 & 1 HP
Speed	2900 rpm
Version	1Ph 230V , 50Hz
Duty	S1 (Continuous)
Protection	IP 44
Insulation Class	B
Head Range	5 to 25m
Flow Range	7 to 37lpm

Materials of Construction

Pump Casing & Bracket	Cast Iron
Motor Body	Aluminium / Cast Iron
Impeller	Forged Brass
Diffuser	SS
Shaft	SS410 / EN-8
Mechanical Seal	Carbon Ceramic
Bearing	Double Shielded Ball Bearing

Operating Conditions

Suction Lift	upto 8 mtrs
Max. Liquid Temp.	50°C
Max. Ambient Temp.	40°C
Max. Operating Pressure	8 bar

Applications

Residential
Gardens
Car Washing
Water Circulation

Performance Table

Model	HP	kW	Pump Size (mm)	Phase		Head in meter				
						5	10	15	20	25
Magni-50	0.5	0.37	15 x 15	1Ph	Discharge In lpm	18	14	10	7	
Magni-50H	0.5	0.37	15 x 15	1Ph		25	20	17	13	7
Axe-50	0.5	0.37	15 x 15	1Ph		25	20	17	13	7
Magni-100	1	0.75	15 x 15	1Ph		37	32	27	22	14

Magni Series : Pump with Aluminium motor body

Axe Series : Pump with Cast Iron motor body

Special Features



Precisely Balanced
Impeller and Shaft



Double Shielded
Ball Bearings



Heavy Duty Forged
Brass Impeller



Fitted with T.O.P



Integrated Quality
Control Systems

HIGH PRESSURE SELF PRIMING PUMPS



Specification

Power	0.5 to 1.5HP
Speed	2900 rpm
Version	1Ph 230V, 50Hz 3Ph 380V, 50Hz
Duty	S1 (Continuous)
Protection	IP 44
Insulation Class	B
Head Range	10 to 90m
Flow Range	5 to 39lpm

Operating Conditions

Suction Lift	upto 8 mtrs
Max. Liquid Temp.	120°C
Max. Ambient Temp.	40°C
Max. Operating Pressure	10 bar

Materials of Construction

Pump Casing & Bracket	Cast Iron
Motor Body	Cast Iron / Aluminium
Impeller	Forged Brass
Shaft	SS410
Mechanical Seal	Carbon Ceramic
Bearing	Double Shielded Ball Bearing

Applications

Residencial	Laundries
Pressure Boosting	Boiler Feed
Water Treatment Plants	
Washing Systems	
Lawn Sprinklers	

Performance Table

Model	HP	kW	Phase	Pump Size (mm)		Head in meter										
						10	20	30	40	50	60	70	80	90	100	110
JaRO-50	0.37	0.5	1Ph	12.5x12.5	Discharge in lpm	33	27	24	20	16	14	11	8	0		
JaRO-100	0.75	1	1Ph	12.5x12.5		34	31	28	26	22	18	15	12	9	5	
JaRO-150	1.1	1.5	1Ph	25x25		39	36	33	31	27	24	21	18	15	11	6
JaRO-100T	0.75	1	3Ph	12.5x12.5		34	31	28	26	22	18	15	12	9	5	
JaRO-150T	1.1	1.5	3Ph	25x25		39	36	33	31	27	24	21	18	15	11	6

Special Features



Robust Design



High Head Applications

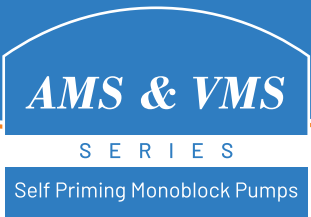


Heavy Duty Forged Brass Impeller



High Temp. upto 120°C

SELF PRIMING MONOBLOCK PUMPS



Specification

	AMS Series	VMS Series
Power	0.5 & 1 HP	0.5 & 1 HP
Speed	1440 rpm	2900 rpm
Version	1Ph 230V, 50Hz	1Ph 230V, 50Hz
Duty	S1 (Continuous)	S1 (Continuous)
Protection	IP 44	IP 44
Insulation Class	B	B
Head Range	5 to 45m	5 to 40m
Flow Range	12 to 62lpm	6 to 49lpm

Operating Conditions

	AMS Series	VMS Series
Max. Liquid Temp.	50°C	50°C
Max. Ambient Temp.	40°C	40°C
Max. Suction Lift	7m	3.5m

Materials of Construction

Pump Casing & Bracket	Cast Iron
Motor Body	Cast Iron
Impeller	Brass
Shaft	SS 410
Mechanical Seal	Carbon Ceramic
Bearing	Double Shielded Ball Bearing

Applications

Residential Bungalows
Gardens
Sprinkler systems
Pressure Booster Systems

Performance Table - AMS SERIES - 1440RPM

Model	HP	kW	Phase	Pump Size (mm)		Head in meter								
						5	10	15	20	25	30	35	40	45
AMS-5L	0.37	0.5	1Ph	25x25	Discharge in lpm	50	38	27	17	10				
AMS-10L	0.75	1	1Ph	25x25		60	55	50	40	37	31	25	19	
AMS-5	0.37	0.5	1Ph	25x25		54	40	29	19	13	4			
AMS-10	0.75	1	1Ph	25x25		62	58	54	44	40	35	28	22	12

Performance Table - VMS SERIES - 2900RPM

Model	HP	kW	Phase	Pump Size (mm)		Head in meter							
						5	10	15	20	25	30	35	
VMS-5	0.5	0.37	1Ph	25x25	Discharge in lpm	41	38	35	30	23	14		
VMS-10	1	0.75	1Ph	25x25		46	43	37	32	29	26	12	

Special Features



Precisely Balanced Impeller and Shaft



Double Shielded Ball Bearings



Integrated Quality Control Systems



Wide Operating Voltage Range



High Discharge

PRESSURE BOOSTER SYSTEMS



Pressmac

SERIES

Pressure Boosting System

Specification

Power	0.5 to 2 HP
Speed	2900 rpm
Version	1Ph 230V , 50Hz
Duty	S1 (Continuous)
Protection	IP 44 / IP 55
Insulation Class	B / F
Head Range	Upto 52m
Flow Range	upto 150lpm

Materials of Construction

Pump Suction & Delivery	SS 304 / Cast Iron / SS 316
Motor Body	Aluminium
Impeller	SS 304 / SS 316
Shaft	SS 410 / SS 304
Mechanical Seal	Carbon Ceramic
Bearing	Double Shielded Ball Bearing

Operating Conditions

Max. Liquid Temp.	120°C
Max. Ambient Temp.	40°C
Max. Operating Pressure	7 bar

Applications

Domestic Pressure Boosting
Hotels / Restaurants
Commercial Centres
Washing Systems

Performance Table

Model	HP	kW	Pump Size (mm)		Discharge in lpm					
					0	26	43	60	75	86
PMS4-50	0.5	0.37	25x25	Head in meters	30	25	20	15	10	5
PMS4-100	1	0.75	25x25		40	37	32	28	20	15
PMS4-150F	1.5	1.1	25x25		50	48	41	36	28	17
PMS4-200F/H	2	1.5	25x25		60	57	52	45	36	20

System Consists of

SS Horizontal Multistage Pump, Danfos Pressure Switch, Pressure Gauge, Brass 5 way Connector, NRV, Pressure Tank

AUTOMATIC PRESSURE BOOSTING SYSTEM WITH VFD



X-STREAM

SERIES

Automatic Pressure Boosting System with VFD

Specification

Power	1 to 5.5 HP
Speed	2900 rpm
Version	1Ph 230V , 50Hz
Duty	S1 (Continuous)
Protection	IP 55
Insulation Class	F
Head Range	5 to 60m
Flow Range	17 to 265lpm

Materials of Construction

Pump Suction & Delivery	SS 304 / Cast Iron / SS 316
Motor Body	Aluminium
Impeller	SS 304 / SS 316
Shaft	SS 410 / SS 304
Mechanical Seal	Carbon Ceramic
Bearing	Double Shielded Ball Bearing

Operating Conditions

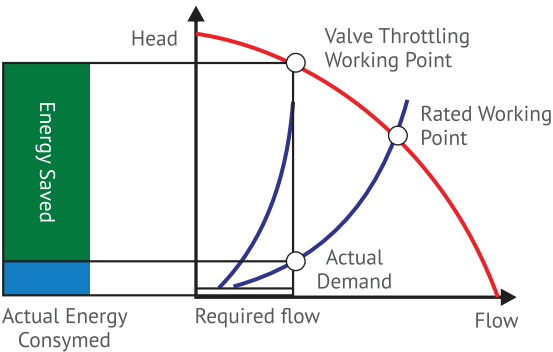
Output Frequency	20 ~ 50 Hz / 20 ~ 60 Hz
Pressure setting Range	1 ~ 9 Bar
Pressure Transmitter	24V, 4-20mA
Ambient Temperature	40°C
Liquid Temperature	70°C

Applications

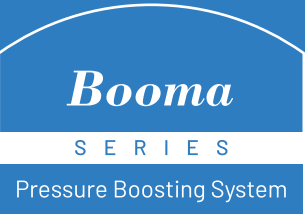
Domestic Pressure Boosting
Hotels / Restaurants
Commercial Centres
Washing Systems

Technical Details

Power Range	0.75kW /1.1 kW	1.5kW	2.2kW	4.0kW
Input Voltage	220V	220V	220V	380V
Frequency	50/60 Hz	50/60HZ	50/60HZ	50/60HZ
VFD Output	1~220V 3~220V	1~220V3~220V	3~220V	3~380V



MINI BOOSTER PUMPS



Specification

Power	0.5 HP
Speed	2900 rpm
Version	1Ph 230V , 50Hz
Duty	S1 (Continuous)
Protection	IP 44
Insulation Class	B
Head Range	5 to 41m
Flow Range	5 to 40lpm
Pressure Tank Capacity	2 ltr

Operating Conditions

Suction Lift	Upto 8 mtrs
Max. Liquid Temp.	40°C
Max. Ambient Temp.	40°C

Materials of Construction

	Booma	Booma+
Pump Casing & bracket	Cast Iron	Cast Iron
Motor Body	Aluminium	Cast Iron
Impeller	Forged Brass	Forged Brass
Shaft	SS410	SS410
Mechanical Seal	Carbon Ceramic	Carbon Ceramic
Bearing	Double Shielded Ball Bearing	Double Shielded Ball Bearing

Applications

Residential
Hotels
Showers in Bathrooms

Performance Table

Model	HP	kW	Phase	Pump Size (mm)		Discharge in lpm							
						5	10	15	20	25	30	35	40
Booma-50	0.50	0.37	1Ph	25 x 25	Head in meters	35	30	20	11	7			
Booma+ 40	0.55	0.4	1Ph	25 x 25		31	26	21	16	11	5		
Booma+ 60	0.8	0.6	1Ph	25 x 25		41	34	29	23	16.5	12	6.5	
Booma+ 80	1.1	0.8	1Ph	25 x 25			38	33	28	23	19	13	9.5

Function

Automatically starts and stops the pump on opening and closing the taps to maintain constant pressure always.

HORIZONTAL MULTISTAGE PUMPS



Specification

Power	0.5 to 3HP
Speed	2900rpm
Version	1Ph230V, 50Hz 3Ph380V, 50Hz
Duty	S1 (Continuous)
Protection	IP44
Insulation Class	F
Head Range	6 to 81m
Flow Range	5 to 150lpm

Operating Conditions

Max. Liquid Temp.	50°C
Max. Ambient Temp.	40°C

Material of Construction

Pump Casing	SS 304
Impeller	SS 304 / Noryl
Diffuser	SS 304 / Noryl
Shaft	SS 420
Mechanical Seal	Ceramic Alumina
Bearing	Double Shielded Ball Bearing

Applications

Residential & Industrial pressure boosting system
RO Plant
HVAC
Washing System

Performance Table

Model	HP	kW	No of Stages	Pump Size (mm)		Discharge in lpm							
						5	10	20	30	35	40	45	50
Vensa-2/02	0.5	0.37	2	25 x 25	Head in Meters	22	21	19	15	13	11	9	6
Vensa-2/03	0.75	0.55	3	25 x 25		33	32	30	26	24	22	20	17
Vensa-2/04	1	0.75	4	25 x 25		44	43	39	35	32	27	24	22
Vensa-2/05	1.5	1.1	5	25 x 25		53	51	47	42	38	34	30	25

Model	HP	kW	No of Stages	Pump Size (mm)		Discharge in lpm						
						10	20	30	40	50	60	70
Vensa-2E/30	0.5	0.37	3	25 x 25	Head in Meters	25	23	20	17	12	8	4
Vensa-2E/50	1	0.75	5	25 x 25		43	41	36	31	21	16	7

Model	HP	kW	No of Stages	Pump Size (mm)		Discharge in lpm							
						15	30	45	60	75	90	105	120
Vensa-4/02	0.75	0.55	2	25 x 25	Head in Meters	22	21	21	19	17	15	12	8
Vensa-4/03	1	0.75	3	25 x 25		36	34	33	28	25	20	16	13
Vensa-4/04	1.2	0.92	4	25 x 25		47	46	43	38	33	27	22	17
Vensa-4/05	1.5	1.1	5	25 x 25		58	57	54	48	42	34	27	20
Vensa-4/06	2	1.5	5	25 x 25		72	68	65	58	50	40	32	24

Model	HP	kW	No of Stages	Pump Size (mm)		Discharge in lpm							
						20	40	60	80	100	120	140	150
Vensa-6/03	1	0.75	3	32 x 32	Head in Meters	41	39	36	34	31	27	22	18
Vensa-6/04	1.5	1.1	4	32 x 32		54	51	48	44	39	33	27	23
Vensa-6/05	2	1.5	5	32 x 32		68	65	60	55	49	41	34	30
Vensa-6/06	3	2.2	5	32 x 32		81	78	74	68	60	52	41	37

*Model Name ends with S - 1Ph & T- 3Ph

VERTICAL MULTISTAGE PUMPS



Specification

Power	1.3 to 2HP
Speed	2900rpm
Version	1Ph 230V, 50Hz 3Ph 380V, 50Hz
Duty	S1 (Continuous)
Protection	IP55
Insulation Class	F
Head Range	8 to 112m
Flow Range	16 to 66lpm

Operating Conditions

Max. Liquid Temp.	50°C
Max. Ambient Temp.	50°C
Max. Operating Pressure	1.0Mpa

Material of Construction

Pump Base & Bracket	Cast Iron
Impeller & Diffuser	Techno Polymer
Shaft	Stainless Steel
Mechanical Seal	Carbon Ceramic
Bearings	NSK
Outer Shell	Stainless Steel

Applications

Reverse Osmosis Plants
Pressure Boosting
HVAC
Fire Fighting
Washing Systems

Performance Table

Model	HP	kW	Pump Size (mm)		Discharge in lpm				
					0	16.6	33.2	50	66.4
Zala-2/06	1.3	1	25x25	Head in Meters	60	52	38	25	8
Zala-2/07	1.5	1.1	25x25		72	63	48	30	13
Zala-2/09	2	1.5	25x25		95	82	67	46	21
Zala-2/11	2	1.5	25x25		112	104	85	59	30

*Model Name ends with S - 1Ph & T- 3Ph

Model	HP	kW	Pump Size (mm)		Discharge in lpm									
					69	62	60	52	48	42	40	34	28	20
Zala Max-2/06	0.93	1.25	25x25	Head in Meters		11	15	27	32	38	40	46	54	63
Zala Max-2/07	1.5	1.1	25x25		7	13	20	32	37	42	45	52	59	66
Zala Max-2/09	2	1.5	25x25			22	26	42	49	58	62	72	82	92
Zala Max-2/11	2	1.5	25x25		5	24	22	35	42	52	54	62	72	

VERTICAL MULTISTAGE PUMPS



Specification

Power	1.5 to 3HP
Speed	2900rpm
Version	1Ph 230V, 50Hz 3Ph 380V, 50Hz
Duty	S1 (Continuous)
Protection	IP55
Insulation Class	F
Head Range	42 to 173m
Flow Range	16 to 58lpm

Operating Conditions

Max. Liquid Temp.	50°C
Max. Ambient Temp.	50°C
Max. Operating Pressure	1.0Mpa

Material of Construction

Pump Base & Bracket	Cast Iron
Impeller & Diffuser	Stainless Steel
Shaft	Stainless Steel
Mechanical Seal	Carbon Ceramic
Bearings	NSK
Outer Shell	Stainless Steel

Applications

Reverse Osmosis Plants
Pressure Boosting
HVAC
Fire Fighting
Washing Systems

Performance Table

Model	HP	kW	Pump Size (mm)		Discharge in lpm							
					16.6	19.92	26.56	33.2	39.84	46.48	53.12	58.1
hyRO-2/11	1.5	1.1	25x25	Head in Meters	87	85	80	74	67	59	50	42
hyRO-2/15	2	1.5	25x25		121	119	112	105	96	85	72	61
hyRO-2/18	3	2.2	25x25		143	139	133	125	116	105	91	78
hyRO-2/22	3	2.2	25x25		173	169	162	152	140	126	110	95

Model	HP	kW	Pump Size (mm)		Discharge in lpm							
					16.6	33.2	49.8	66.4	74.7	83	91.3	99.6
HyRO-4/12	3	2.2	32 x 32	Head in Meters	122	119	113	103	96	88	78	68
HyRO-4/16	4	3	32 x 32		158	153	145	134	126	116	103	89

*Model Name ends with S - 1Ph & T- 3Ph

MONOBLOCK PUMPS



Specification

Power	0.5 to 5 HP
Speed	2900rpm
Version	1Ph 230V, 50Hz 3Ph 380-415V, 50Hz
Starting Method	1Ph- CSR 3Ph- DOL
Duty	S1 (Continuous)
Protection	IP 44
Insulation Class	B
Head Range	5 to 52m
Flow Range	15 to 1770lpm

Materials of Construction

Pump Casing	Cast Iron
Motor Body	Cast Iron / Aluminium
Impeller	Cast iron / Noryl / SS
Shaft	EN-8
Mechanical Seal	Carbon Ceramic
Bearing	Double Sealed Ball Bearing

Operating Conditions

Suction Lift	upto 7 mtrs
Max. Liquid Temp.	50°C
Max. Ambient Temp.	40°C

Applications

Residential	Small Farms
Domestic water supply	Agriculture
Gardens	Industrial Application

Performance Table - South Region

Model	HP	kW	Pump Size (mm)		Head in meter												
					6	8	10	12	14	16	18	20	22	24	26	28	30
Pintu-50H	0.5	0.37	25 x 25	Discharge in lpm			115	110	100	95	70	50					
MLP-5/05S	0.5	0.37	25 x 25		130	120	110	100	85	65							
MCP-5/05S	0.5	0.37	25 x 25		130	120	110	100	85	65							
MLP-3/05SH	0.5	0.37	25 x 25		120	110	104	95	80	72	48	30					
MCC-10/05S	0.5	0.37	40 x 40		290	260	230	190	130								
MCC-15/05S	0.5	0.37	50 x 50		336	210	132										
MLP-5/07S	0.75	0.55	25 x 25			125	120	115	105	95	80	70	40				
MCP-5/07S	0.75	0.55	25 x 25			125	120	115	105	95	80	70	40				
MLP-6/07S	0.75	0.55	32 x 25			140	135	130	125	115	110	95	80	56			
MCP-6/07S	0.75	0.55	32 x 25			140	135	130	125	115	110	95	80	56			
MCC-10/07S	0.75	0.55	40 x 40		290	275	240	205	150	120							
MLP-5/10SE	1	0.75	25 x 25						115	110	105	100	95	90	80	60	
MLP-8/10S	1	0.75	25 x 25							120	105	100	95	90	80	60	50
CMA-6/07S	1	0.75	25 x 25							110	105	100	95	90	80	60	50
MLP-9/10S	1	0.75	32 x 25						115	110	105	100	95	90	80	60	50
MCC-13/10S	1	0.75	40 x 40		330	310	290	260	230	200	150	120	110	90	45		
MCC-14/10S	1	0.75	50 x 40		360	340	320	285	240	210	138						
MCC-18/10S	1	0.75	50 x 50		490	480	460	420	230								
MCC-40/10S	1	0.75	80 x 80		750	690	590	480									
MCS-8/15S	1.5	1.1	32 x 25					190	180	170	160	140	125	100	80	60	50
MCS-10/15S	1.5	1.1	40 x 40					260	245	230	210	200	170	140			
MCS-16/15S	1.5	1.1	50 x 40			410	370	330	300	280	250	180					
MCC-18/15S	1.5	1.1	50 x 50		500	490	480	440	280	180							
MCC-22/15S	1.5	1.1	65 x 50			550	520	470	310								
MCC-28/15S	1.5	1.1	80 x 80		790	720	640	520	320	150							
MCS-10/20S	2	1.5	40 x 40						270	260	240	230	210	190	180	150	110
MCS-12/20S	2	1.5	50 x 40			420	380	350	320	300	280	230	200	170	120		
MCC-21/20S	2	1.5	50 x 50		550	540	530	520	490	460	370						
MCC-24/20S	2	1.5	65 x 50		600	580	560	550	520	470							
MCC-30/20S	2	1.5	80 x 80		810	740	670	550	350								
MCC- 21 /30S	3	2.2	50 x 40			460	430	390	360	240	320	280	240	210	170	140	110

MONOBLOCK PUMPS



Model	HP	kW	Pump Size (mm)		Head in meter													
					6	8	10	12	14	16	18	20	22	24	26	28	30	32
MCC-24/30S	3	2.2	50 x 50	Discharge in lpm				520	490	450	420	390	340	290	250	160		
MCC-30/30S	3	2.2	65 x 50						640	590	550	490	440	330				
MCC-43/30S	3	2.2	75 x 65		960	920	810	660	510	370	220							
MCC-40/30S	3	2.2	65 x 65						650	600	560	510	450					
MCC-45/30S	3	2.2	75 x 75		1010	960	840	700	550	400								
MCS- 21/30T	3	2.2	50 x 40			460	430	390	360	240	320	280	240	210	170	140	110	
MCC-24/30T	3	2.2	50 x 50					520	490	450	420	390	340	290	250	160		
MCC-30/30T	3	2.2	65 x 50						640	590	550	490	440	330				
MCC-43/30T	3	2.2	75 x 65		960	920	810	660	510	370	220							
MCC-45/30T	3	2.2	75 x 75		1010	960	840	700	550	400								
MCC-15 /50T	5	3.7	50 x 40						390	370	350	310	260	240	200	160	130	
MCC-30/50T	5	3.7	65 x 50						950		910	870	850	790	740	670		
MCC-48/50T	5	3.7	75 x 65				1350	1310	1240	1120	1020	950	850	700				
MCC-66/50T	5	3.7	75 x 75				1450	1390	1320	1190	1100	1040	950					
MCC-85/50T	5	3.7	100x100					1510	1450	1370	1180	990						

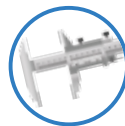
Performance Table - North Region

Model	HP	kW	Pump Size (mm)		Head in meter								
					5	8	10	15	20	25	28	30	
Pintu-50H	0.5	0.37	25 x 25	Discharge in lpm			115	97	50				
MCC-7/05SG	0.5	0.37	25 x 25				125	70					
MCC-14/05SG	0.5	0.37	40 x 40		295	225	175						
MCC-8/10SG	1	0.75	25 x 25					150	120	40			
CMA-6/07S	1	0.75	25 x 25			126	120	114	64	40			
MCC-9/10SG	1	0.75	32 x 25					150	120	40			
MCC-12/10SG	1	0.75	40 x 40			300	290	190					
MCC-14/10SG	1	0.75	50 x 50			420	380	220					
MCC-40/07S	1	0.75	75 x 75		650	550	350						
MCS-8/15S	1.5	1.1	32 x 25						175	170	155	135	88
MCC-12/15SG	1.5	1.1	40 x 40		275	240	225	200	170	100	70		
MCC-15/15SG	1.5	1.1	50 x 50		430	400	340	240	80				
MCC-16/20SG	2	1.5	50 x 50		380	290	270	235	160	80			
MCC-18/20SHG	2	1.5	50 x 50		425	405	390	360	310	240	150	95	
MCC-17/20SG	2	1.5	65 x 50		450	400	360	260	130				
MCC-33/20SG	2	1.5	75 x 75		750	650	550	280					

Model	HP	kW	Pump Size (mm)		Head in meter											
					8	10	12	16	18	24	28	32	34	38	44	52
MCC- 21 /30S/T	3	2.2	50X40	Discharge in lpm					380	350	320	180				
MCC-24/30S/T	3	2.2	50X50						380	350	320	180				
MCC-30/30S/T	3	2.2	65X50				525	490	455	350						
MCC-43/30S/T	3	2.2	80X65			900	840	600	300							
MCC-40/30S	3	2.2	65X65			900	840	600	300							
MCC-45/30S/T	3	2.2	80X80			900	840	600	300							
MCC-15 /50T	5	3.7	50X40										260	255	220	120
MCC-30/50T	5	3.7	65X50							560	510	440	400	290		
MCC-48/50T	5	3.7	80X65				900	815	760	620						
MCC-66/50T	5	3.7	80X80			1320	1265	1210	1110	1000	700					
MCC-85/50T	5	3.7	100X100			1770	1605	1440	800							

Note : *Pumps are available in 2Ph *1Ph Pump can be supplied up to 5hp on request

Special Features



Integrated Quality Control Systems



Double Shielded Ball Bearings



Perfectly Machined High Grade Cast Iron Parts



High Discharge

MONOBLOCK PUMPS



Specification

Power	3 to 20 HP
Speed	2900rpm / 1440rpm
Version	3Ph 380-415V, 50Hz
Duty	S1 (Continuous)
Protection	IP 44
Insulation Class	B / A
Head Range	7 to 90m
Flow Range	280 to 3300lpm

Materials of Construction

Pump Casing & Bracket	Cast Iron
Motor Body	Cast Iron
Impeller	Cast Iron / Brass / SS
Shaft	EN-8
Seal	Gland Packing / Mech. Seal
Bearing	Double Sealed Ball Bearing

Operating Conditions

Max. Liquid Temp.	50°C
Max. Ambient Temp.	40°C
Suction lift	7 mtrs

Applications

Agriculture	Industrial Application
Domestic water supply	Water Circulation
Gardens	Sprinklers

2900rpm																
Model	HP	kW	Pump Size (mm)	Phase		Head in meter										
						8	12	14	16	20	22	24	28	32	36	44
MGH-3ED	3	2.2	65 x 50	3ph	Discharge in lpm		680	660	620	530	460					
MGH-3ED-H	3	2.2	65 x 50	3ph				760	730	680	650	595				
MGH-3FE	3	2.2	80 x 65	3ph		1000	850	750	630							
MGH-5ED	5	3.7	65 x 50	3ph					890	840	805	770	660			
MGH-5ED-H	5	3.7	65 x 50	3ph								750	740	690	590	290
MGH-5FE	5	3.7	80 x 65	3ph				1140	1100	1020	870	720				
MGH-5GF	5	3.7	100 x 80	3ph		1770	1440	1140	800							
MGH-5GG	5	3.7	100 x 100	3ph		1770	1440	1140	800							

Model	HP	kW	Pump Size (mm)	Phase		Head in meter										
						16	20	22	24	28	32	36	40	42	44	50
MGH-7ED	7.5	5.5	65 x 50	3ph	Discharge in lpm					620	600	550	360	250		
MGH-7ED-H	7.5	5.5	65 x 50	3ph								740	730	725	720	660
MGH-7FE	7.5	5.5	80 x 65	3ph			1060	1050	1020	930	900					
MGH-7GF	7.5	5.5	100 x 80	3ph		1360	1170	1020	740							
MGH-7GG	7.5	5.5	100 x 100	3ph		1400	1200	1050	760							

MONOBLOCK PUMPS



Model	HP	kW	Pump Size (mm)	Phase		Head in meter											
						22	30	32	34	38	42	48	52	54	56	64	72
MGH-10ED	10	7.5	65 x 50	3ph	Discharge in lpm					910	900	820	770				
MGH-10ED-H	10	7.5	65 x 50	3ph								650	640	625	610	200	
MGH-10ED-HH	10	7.5	65 x 50	3ph								610	600	595	590	576	460
MGH-10FE	10	7.5	80 x 65	3ph			980	970	970	850	800						
MGH-10FE-H	10	7.5	80 x 65	3ph				830	820	740	710	450					
MGH-10GF	10	7.5	100 x 80	3ph		1810	1350	1170	700								
MGH-10GG	10	7.5	100 x 100	3ph		1840	1370	1190	710								

Model	HP	kW	Pump Size (mm)	Phase		Head in meter											
						24	32	36	38	46	48	50	56	58	62	66	76
MGH-12ED	12	9.2	65 x 50	3ph	Discharge in lpm						840	820	780	630			
MGH-12ED-H	12	9.2	65 x 50	3ph										680	670	590	280
MGH-12FE	12	9.2	80 x 65	3ph				1300	1290	1200	1090						
MGH-12GF	12	9.2	100 x 80	3ph		1720	1240	900	660								

Model	HP	kW	Pump Size (mm)	Phase		Head in meter									
						24	32	36	40	48	50	58	70	78	90
MGH-15ED	15	11	65 x 50	3ph	Discharge in lpm					1050	1040	960	860		
MGH-15FE	15	11	80 x 65	3ph				1360	1330	1150	1120				
MGH-15GF	15	11	100 x 80	3ph		1900	1750	1600	1380						
MGH-20ED	20	15	65 x 50	3ph							910	850	760	600	
MGH-20ED-H	20	15	65 x 50	3ph								600	550	525	420
MGH-20GF	20	15	100 x 80	3ph			1940	1900	1740	1420	1140				

Model	HP	kW	Pump Size (mm)	Phase		Head in meter					
						7	8	10	12	14	18
MGS-2FF	2	1.5	80 x 80	3ph	Discharge in lpm	990	930	780			
MGS-3GG	3	2.2	100 x 100	3ph		1690	1580	1150			
MGS-5GG	5	4	100 x 100	3ph				1670	1480	1150	
MGS-7GG	7.5	5.5	100 x 100	3ph				2010	1860	1690	1110
MGS-7JJ	7.5	5.5	150 x 150	3ph		3300	2900	1250			

Special Features

Robust & Sturdy Design

Precisely Balanced Impeller and Shaft

Double Shielded Ball Bearings

High Efficiency

Wide Operating Voltage Range

High Discharge

MONOBLOCK PUMPS



Specification

Power	0.5 to 20 HP
Speed	2900rpm / 1440rpm
Version	3Ph 380-415V, 50Hz
Duty	S1 (Continuous)
Protection	IP 44
Insulation Class	F
Head Range	6 to 76m
Flow Range	120 to 2160lpm

Operating Conditions

Max. Liquid Temp.	50°C
Max. Ambient Temp.	40°C
Suction lift	7 mtrs

Materials of Construction

Pump Casing & Bracket	Cast Iron
Motor Body	Cast Iron
Impeller	Cast Iron / Brass / SS
Shaft	EN-8
Seal	Gland Packing / Mech. Seal
Bearing	Double Shielded Ball Bearing

Applications

Agriculture	Industrial Application
Domestic water supply	Water Circulation
Gardens	Sprinklers

Model	HP	kW	Pump Size (mm)		Head in meter									
					6	8	10	12	14	16	18	20	24	28
MGHF-05AA	0.5	0.37	25 x 25	Discharge in lpm										
MGHF-05CC	0.5	0.37	40 x 40		280	250	200	140						
MGHF-10AA	1.0	0.75	25 x 25							160	155	150	120	
MGHF-10BA	1.0	0.75	32 x 25					280	260	230	170	100		
MGHF-10CC	1.0	0.75	40 x 40				300	290	270	250	200	150		
MGHF-10DD	1.0	0.75	50 x 50			460	390	300						
MGHF-15FF	1.5	1.1	80 x 80		780	680	560	380						
MGHF-15FE	1.5	1.1	80 x 65		760	660	530	340						
MGHF-15ED	1.5	1.1	65 x 50				540	530	510	450	390	310		
MGHF-15DD	1.5	1.1	50 x 50						490	440	370	280		
MGHF-15CC	1.5	1.1	40 x 40							380	360	340	270	180

Model	HP	kW	Pump Size (mm)		Head in meter									
					6	8	10	12	14	16	18	20	24	28
MGHF-20FF	2	1.5	80 x 80	Discharge in lpm	920	780	660	480						
MGHF-20FE	2	1.5	80 x 65		880	760	660	540	420					
MGHF-20ED	2	1.5	65 x 50				540	530	510	450	390	310		
MGHF-20DD	2	1.5	50 x 50						490	440	370	280		
MGHF-20DC	2	1.5	50 x 40							380	360	340	270	180
MGHF-20DDH	2	1.5	50 x 50								395	385	345	280
MGHF-20GG	2	1.5	100x100		1060	910	750	560	240					140

Model	HP	kW	Pump Size (mm)		Head in meter									
					10	12	14	16	18	20	24	28	32	
MGHF-30DC	3	2.2	50x40	Discharge in lpm					380	370	350	320	180	
MGHF-30EDH	3	2.2	65x50			525	510	490	455	420	350			
MGHF-30ED	3	2.2	65x50			640	575	500	405	270				
MGHF-30FE	3	2.2	80x65		900	840	720	600	300					

MONOBLOCK PUMPS



Model	HP	kW	Pump Size (mm)		Head in meter													
					8	10	12	14	16	18	20	24	28	32	36	40	44	48
MGHF-50ED	5	3.7	65x50	Discharge in lpm							600	560	510	440	345			
MGHF-50DC	5	3.7	50x40												250	245	220	180
MGHF-50FE	5	3.7	80x65						910	905	900	740	400					120
MGHF-50FF	5	3.7	80x80		1320	1265	1210	1160	1110	1000	880							
MGHF-50GG	5	3.7	100x100		1770	1605	1440	1140	800									
MGHF-75ED	7.5	5.5	65x50										742	712	675			
MGHF-75FE	7.5	5.5	80x65								1070	1040	900					
MGHF-75GF	7.5	5.5	100x80						1340	1240	1140	710						
MGHF-75GG	7.5	5.5	100x100						1370	1270	1170	730						
MGHF-75ED-H	7.5	5.5	65x50											672	616	560	420	

Model	HP	kW	Pump Size (mm)		Head in meter									
					20	24	28	32	34	36	40	44	48	52
MGHF-100ED	10	7.5	65x50	Discharge in lpm							740	726	702	692
MGHF-100FE	10	7.5	80x65					790	780	770	750	710	420	540
MGHF-100GF	10	7.5	100x80			1660	1420	1140	670					388
MGHF-100GG	10	7.5	100x100			1695	1470	1240	680					250
MGHF-125ED	12.5	9.3	65x50				990	970	960	950	930	900	810	720
MGHF-125FE	12.5	9.3	80x65				1050	1034	1026	1018	1000	800	600	
MGHF-125GG	12.5	9.3	100x100		1864	1692	1520	1200						

Model	HP	kW	Pump Size (mm)		Head in meter											
					20	24	28	32	34	36	40	44	48	52	56	60
MGHF-150ED	15	11	65x50	Discharge in lpm									720	710	700	690
MGHF-150EDH	15	11	65x50											650	643	637
MGHF-150FE	15	11	80x65					1260	1250	1240	1220	1200	1050	900	640	590
MGHF-150GG	15	11	100x100					1680	1520	1360	1020				630	610
MGHF-200ED	20	15	65x50		2160	2000	1840								686	670
MGHF-200ED	20	15	65x50						1400	1396	1388	1380	1205	1026	650	540
MGHF-200FE	20	15	80x65													430
MGHF-200GG	20	15	100x100				1800	1692	1638	1584	1474	1360	1240	1120		

Special Features

Robust & Sturdy Design

Precisely Balanced Impeller and Shaft

Double Shielded Ball Bearings

High Efficiency

Wide Operating Voltage Range

High Discharge

PERIPHERAL PUMPS



Specification

Power	0.5 to 1HP
Speed	2900 rpm
Version	1Ph 230V, 50Hz
Duty	S1 (Continuous)
Protection	IP 54
Insulation Class	B
Head Range	3 to 55m
Flow Range	6 to 36 lpm

Material of Construction

Pump Casing	Cast Iron
Motor Body	Aluminium Die Casting
Impeller	Forged Brass
Shaft	SS 410
Mech. Seal	Carbon Ceramic

Operating Conditions

Max. Liquid Temp.	upto 60°C
Suction Lift	8m

Applications

Residential
Garden

Performance Table

Model	HP	kW	Phase	Del Size (mm)		Discharge in LPM					
						10	15	20	30	40	50
AP-03S	0.5	0.37	1" x 1"	1Ph	Head in Meter	23	19	15	6		
AP-07S	1	0.75	1" x 1"	1Ph			30	28	21	16	13

CENTRIFUGAL MONOBLOCK PUMPS



Specification

Power	1 to 2HP
Speed	2900 rpm
Version	1Ph 230V, 50Hz
Duty	S1 (Continuous)
Protection	IP 54
Insulation Class	B
Head Range	6 to 26m
Flow Range	42 to 670 lpm

Material of Construction

Pump Casing	Cast Iron
Motor Body	Aluminium Die Casting
Impeller	Cast Iron / SS / Noryl
Shaft	SS 410
Mech. Seal	Carbon Ceramic

Operating Conditions

Max. Liquid Temp.	upto 60°C
Suction Lift	8m

Applications

Residential
Garden

Performance Table

Model	HP	kW	Pump Size (mm)	Phase		Head in Meter									
						6	9	12	15	18	21	24	27	30	33
CMA-3/07SN	1	0.75	25 x 25	1Ph	Discharge in LPM		100	88	78	65	42				
MCS-09/11	1.5	1.1	32 x 25	1Ph						169	151	141	120	90	39
MCC-12/11	1.5	1.1	40 x 40	1Ph			282	260	240	203	168	120			
MCC-24/11	1.5	1.1	50 x 50	1Ph			456	396	312	144					
MCC-25/15	2	1.5	65 x 50	1Ph			501	399	258						
MCC-30/15	2	1.5	75 x 75	1Ph		660	546	423	156						

STAINLESS STEEL MONOBLOCK PUMPS



Specification

Power	0.5 to 4 HP
Speed	2900 rpm
Version	1Ph 230V, 50Hz (PSC) Inbuilt with T.O.P. 3Ph 380-415V, 50Hz
Duty	S1 (Continuous)
Protection	IP 55 / IP 54
Insulation Class	F / B
Head range	10 to 69m
Flow range	12 to 180lpm

Operating Conditions

Suction Lift	7m (Max)
Max. Liquid Temp.	+5°C ~ +120°C
Max. Ambient Temp.	50°C

Materials of Construction

Pump Casing	SS 304
Motor Body	Aluminium
Impeller	SS 304
Shaft	SS 304 + Carbon Steel
Mechanical Seal	Carbon Ceramic
Bearing	Double Shielded Ball Bearing

Applications

Residential
Pressure Boosting Units
Industrial Water Supply
Food Processing Industries
Washing Systems

Performance Table

Model	HP	kW	Pump Size (mm)		Head in meter									
					10	12.5	15	17.5	20	22.5	25	27.5	30	32.5
CMS-5/03	0.5	0.37	32 x 25	Discharge in lpm	108	75	33							
CMS-6/05	0.75	0.55	32 x 25			100	66	25						
CMS-8/07	1	0.75	32 x 25				116	83	50					
CMS-7/10	1.3	1	32 x 25				136	120	101	83	53			
CMS-8/11	1.5	1.1	32 x 25						150	108	66			
CMS-8/15	2	1.5	32 x 25						166	133	100	58		
CMS-8/18	2.5	1.8	32 x 25						149	133	113	83	50	
CMS-10/18	2.5	1.8	40 x 32						174	133	83			

* Model name ends with S-1Ph & T- 3Ph

Model	HP	kW	Pump Size (mm)		Head in meter												
					30	33	36	39	42	45	48	51	54	57	60	63	66
CMST-4/07	1	0.75	32 X 25	Discharge in lpm	62	45	30	12									
CMST-4/11	1.5	1.1	32 X 25						65	52	38	27					
CMST-4/15	2	1.5	32 X 25								65	55	45	40	20		
CMST-7/11	1.5	1.1	32 X 25			130	115	88									
CMST-7/15	2	1.5	32 X 25						110	90	60	40					
CMST-7/22	3	2.2	32 X 25								125	100	85	40			
CMST-7/30	4	3	32 X 25												110	90	80
CMST-12/22	3	2.2	40 X 25							150	120	60					
CMST-12/30	4	3	40 X 25										160	120	90	60	
CMST-12/37	5	3.7	40 X 25												180	165	120

* Model name ends with S-1Ph & T- 3Ph

CENTRIFUGAL MONOBLOCK PUMPS

(DIN Standard)



Specification

Power	3 to 40 HP
Speed	2900rpm
Version	3Ph 380V-415V, 50Hz
Degree of protection	IP 55
Class of insulation	F / B
Type of Duty	S1 (Continuous)
Head range	10 to 95m
Flow range	150 to 4100lpm

Operating Conditions

Suction lift	7m
Max. Liquid Temp.	110°C
Max.Ambient Temp.	40°C

Materials of Construction

Pump Casing	Cast Iron
Motor Body	Aluminium / Cast Iron
Impeller	Cast Iron / Bronze
Shaft	SS 420
Mechanical Seal	Carbon Ceramic
Bearing	Double Shielded Ball Bearing

Applications

Industrial Water Supply
Food Process Industry
Pressure Booster System
Water treatment plants

PUMP SIZE : 50 x 32

Model	HP	kW		Discharge in lpm											
				150	200	250	300	350	400	450	500	550	600		
CM-32/160B	3	2.2	Head in Meter	26	25	24	22	21							
CM-32/160A	4	3		32	31	30	29	27	25						
CM-32/160	5.5	4		40	39	38	37	34	33						
CM-32/200B	7.5	5.5		42	41	40	39	38	36						
CM-32/200A	10	7.5		49	49	48	47	46	44	42					
CM-32/200	15	11		60	60	59	58	58	56	55	54				
CM-32/250B	10	7.5		65	65	65	63	60	58	56					
CM-32/250A	15	11		78	77	77	75	73	68	64	58				
CM-32/250	20	15		94	94	93	93	92	91	88	85	82	80		

PUMP SIZE : 65 x 40

Model	HP	kW		Discharge in lpm													
				200	250	300	350	400	450	500	550	600	650	700	800	900	1000
CM-40/160C	4	3	Head in Meter	22	21	21	21	21	20	20	20	19	18	18			
CM-40/160B	5.5	4		28	27	27	26	26	26	25	25	24	23	23	21		
CM-40/160A	7.5	5.5		36	36	36	35	35	34	34	34	32	32	32	30	28	
CM-40/160	10	7.5		44	44	44	43	43	43	42	42	42	41	40	38	36	
CM-40/200B	10	7.5		44	43	43	42	42	41	41	40	40	37				
CM-40/200	20	15		61	60	60	60	60	60	59	59	58	57	57	54		
CM-40/250C	15	11			60	59	58	57	56	55	54	53	50	47	42		
CM-40/250B	20	15			75	74	74	73	72	71	70	68	66	65	61	55	
CM-40/250A	25	18.5			84	84	83	83	82	80	79	77	76	75	72	66	
CM-40/250	30	22			92	91	91	90	90	89	89	88	87	86	82	77	71

CENTRIFUGAL MONOBLOCK PUMPS

CM

S E R I E S

Centrifugal Monoblock Pumps

PUMP SIZE : 65 x 50

Model	HP	kW		Discharge in lpm														
				400	450	500	550	600	650	700	800	900	1000	1100	1200	1300	1400	1600
CM-50/125B	5.5	4	Head in Meter	19.1	19	18.8	18.7	18.5	18.2	18	17.3	17	16.4	15.7	15			
CM-50/125	10	7.5		25.9	25.8	25.5	25.4	25.2	25.1	25	24.5	24	23.6	23.2	22.8	22	20.6	
CM-50/160B	7.5	5.5			25	24.2	24	23.8	23.5	23	22	21	20.5	19.5	18.5	17		
CM-50/160A	10	7.5			33.5	33	32.8	32.3	32	31.5	30.5	29.5	28.5	27.5	26.5	25	23.5	
CM-50/160	15	11			43.8	43.5	43	42.5	42.2	42	41.5	41	40	39	38.2	37	36	33.5
CM-50/200C	15	11					47	46.5	46	45.5	45	44	43	42	40.5	38	35	
CM-50/200B	20	15					55.5	55.4	55.2	55	54.5	54	53	52	50.5	48.5	46	44
CM-50/200A	25	18.5					61	60.7	60.5	60.3	60	59	58	57	56.5	55	52.5	51
CM-50/200	30	22					67	66.8	66.5	66	65.8	65.5	65	64.5	635	62	58	57 53
CM-50/250B	25	18.5						65.5	65	64.5	64	62	60	58	56.5	53	47	
CM-50/250A	30	22					79	78.5	78	77.5	75	74	72.5	71	67	63	60	
CM-50/250	40	30						95	94.5	94	93.5	92	90	88	86.5	85	80 74	

PUMP SIZE : 80 x 65 / 80 x 80

Model	HP	kW		Discharge in lpm														
				600	650	700	800	900	1000	1100	1200	1300	1400	1600	1800	2000	2200	2400
CM-65/125C	5.5	4	Head in Meter			14	13.8	13.5	13.2	13	12.5	12	11.8	10	10			
CM-65/125B	7.5	5.5				17.2	17	16.8	16.5	16.2	16	15.5	15	14	14			
CM-65/125A	10	7.5				21	20.8	20.5	20.2	20	19.5	19	18.6	18	16.5			
CM-65/125	15	11				25.4	24	24.8	24.6	24.5	24.2	24	23.5	23	21.8	20.5		
CM-65/160B	10	7.5				24.5	24	23.5	23	22.5	22	21	20.5	19	19			
CM-65/160A	15	11				33.5	33	32.8	32.5	32	31	30.5	30	29	29	25		
CM-65/160	20	15				41.5	41	40.5	40.2	40	39.5	39	38.5	37	37	34	32	
CM-65/200C	20	15		44	43.8	43.5	43	42.5	42.2	42	41	40	39	37	37			
CM-65/200B	25	18.5		52.5	52.2	52	51.8	51.5	51	50.5	50	49	48.5	47	47	41		
CM-65/200A	30	22		57	56.7	56.5	56.4	56.2	56	55.5	55	54.2	54	52	52	48	45	
CM-65/200	40	30	67.3	67	66.5	66.4	66.2	66	65.5	65	64.5	64	63	63	59	57	53	

PUMP SIZE : 100 x 80

Model	HP	kW		Discharge in lpm							
				900	1200	1600	1810	2400	3250	3600	4100
CM-80/160C	20	15	Head in Meter	27	26.5	25.4	24.5	23	19		
CM-80/160B	25	18.5		32.5	32	31	30.5	29	25	23	
CM-80/160A	30	22		36	35.5	35	34	32.5	28.5	27	24
CM-80/160	40	30		40	39.5	39	38	37	33	31	28

CENTRIFUGAL MONOBLOCK PUMPS

CMS

S E R I E S

Centrifugal Monoblock Pumps

(DIN Standard)



Specification

Power	1.5 to 25 HP
Speed	2900rpm
Version	3Ph 380V-415V, 50Hz
Degree of protection	IP 55
Class of insulation	F / B
Type of Duty	S1 (Continuous)
Head range	8 to 73m
Flow range	50 to 3320lpm

Operating Conditions

Suction lift	7m
Max. Liquid Temp.	110°C
Max. Ambient Temp.	40°C

Materials of Construction

Pump Casing	SS 304 / SS316
Motor Body	Aluminium / Cast Iron
Impeller	SS 304 / SS316
Shaft	SS 304
Mechanical Seal	Carbon Ceramic
Bearing	Double Shielded Ball Bearing

Applications

Industrial Water Supply
Food Process Industry
Pressure Booster System
Water treatment plants

CMS SERIES - SS PUMPS

PUMP SIZE : 50 x 32

Model	HP	kW		Discharge in lpm						
				50	100	150	200	250	300	360
CMS-32/160B	1.5	1.1	Head in Meter	21	20	18.5	16.5	15	12.5	8
CMS-32/160A	2	1.5		26	24.5	22.5	20	18.5	15	9.5
CMS-32/160	3	2.2		30.5	29.5	27.5	26	24	22.5	18
CMS-32/200B	4	3		38	37	35	34	32	30	26
CMS-32/200A	5.5	4		51.5	50	48	45	43	41	30
CMS-32/200	7.5	5.5		62	60	58	54	52	47	37

PUMP SIZE : 65 x 40

Model	HP	kW		Discharge in lpm							
				80	160	250	330	420	500	580	660
CMS-40/125B	2	1.5	Head in Meter	20	19	17.5	16	13	10.5		
CMS-40/125A	3	2.2		27	26	24	22	20	17	14	
CMS-40/125	4	3		31	30	29	27	25	22	18	
CMS-40/160	5.5	4		39	38	36.5	34	31	28	24	19
CMS-40/200B	7.5	5.5		47	46	45.5	44	41	38	34	30
CMS-40/200A	10	7.5		52	51.5	51	50	48	45	42	38
CMS-40/200	15	11		69	69	68.5	68	68	66	64	60

CENTRIFUGAL MONOBLOCK PUMPS

CMS

S E R I E S

Monoblock Pumps

PUMP SIZE : 65 x 50

Model	HP	kW		Discharge in lpm							
				80	160	330	500	660	830	1000	1160
CMS-50/125A	4	3	Head in Meter	27	26	23	20	16	10		
CMS-50/125	5.5	4		28	27	26	24	21	16		
CMS-50/160	7.5	5.5		34.5	34.5	34	31.5	28.5	24	20	
CMS-50/200D	10	7.5		41	41	40.5	39	36	32	27.5	
CMS-50/200C	12.5	9.2		52	52	51	49	45	41	37	
CMS-50/200B	15	11		57	56	55	53	51	48	42	30
CMS-50/200A	20	15		69	68	67	65	64	62	57	50
CMS-50/200	25	18.5		73	72	71	70	69	68	65	59

PUMP SIZE : 80 x 65

Model	HP	kW		Discharge in lpm									
				664	830	996	1162	1328	1494	1660	1826	1992	2158
CMS-65/125C	5.5	4	Head in Meter	19	18	17	15	13	11	9			
CMS-65/125B	7.5	5.5		22	21	20	19	18	17	15	13	10	
CMS-65/125A	10	7.5		27	26	25	24	23	22	20	18	15	
CMS-65/125	12.5	9.3		30	29	29	28	27	26	25	23	22	19
CMS-65/160A	15	11		36	35	34	33	32	31	29	27	25	22
CMS-65/160	20	15		44	43	42	40	39	38	37	36	34	32
CMS-65/200B	25	18.5		53	52	51	50	49	48	47	45	44	41
CMS-65/200A	30	22		60	59	58	57	56	55	54	53	51	49
CMS-65/200	40	30			72	72	71	70	69	68	67	66	65

PUMP SIZE : 100 x 80

Model	HP	kW		Discharge in lpm								
				996	1328	1660	1992	2324	2656	2988	3154	3320
CMS-80/160B	15	11	Head in Meter	26	25	2	22	20	17	14	11	
CMS-80/160A	20	15		35	33	31	29	27	24	21	20	18
CMS-80/160	25	18.5		38	37	36	35	33	30	27	25	22
CMS-80/200B	30	22		46	44	42	40	38	35	31	29	26
CMS-80/200A	40	30		57	56	55	53	50	47	44	42	39
CMS-80/200	50	37		66	65	63	61	59	56	53	51	48

HORIZONTAL OPENWELL PUMPS

HORA+

S E R I E S

Horizontal Openwell Pumps(1Ph)



Specification

Power	0.5 to 3 HP
Speed	2900rpm
Version	1Ph 230V , 50Hz
Duty	S1 (Continuous)
Insulation Class	B
Protection	IP 58
Head Range	5 to 45m
Flow Range	10 to 855lpm

Operating Conditions

Max. Liquid Temp.	40°C
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Materials of Construction

Pump Casing & Bracket	Cast Iron
Motor Body	Cast Iron / SS
Impeller	SS / Noryl / Cast Iron
Shaft	SS 410
Seal	Oil Seal
Bearing	Thrust Bearing

Applications

Residential	Fountain
Sprinkler system	Construction
Irrigation	

Performance Table - North Region

Model		HP	kW	Phase	Pump Size (mm)		Head in meter												
Pump with Copper Rotor	Pump with Aluminum Rotor						5	8	10	12	15	17	20	22	25	28	35	40	45
—	Jumpa-50	0.5	0.37	1ph	25x25	Discharge in lpm	135	125	110	90	60								
—	HPP-5/05SNG	0.5	0.37	1ph	25x25		135	125	110	90	60								
HPP-6/05SG	HPP-6/05SGA	0.5	0.37	1ph	25x25		170	140	125	110	75	30							
—	HPS-7/10S	1	0.75	1ph	32x25				175	161	147	132	116	92	67				
HPP-8/10SNG	HPP-8/10SNGA	1	0.75	1ph	25x25		240	205	200	185	150	130	100	90					
HPP-9/10SHG	HPP-9/10SHGA	1	0.75	1ph	25x25					240	210	190	170	140	110	70			
HPP-25/10SG	HPP-25/10SGA	1	0.75	1ph	50x50		460	405	310	240	150								
HPC-12/15SG	HPC-12/15SGA	1.5	1.1	1ph	40x40					250	230	220	195	170	135	90			
HPC-13/20SG	HPC-13/20SGA	2	1.5	1ph	40x40					210	180	155	140	130	120	110	90		
HPC-15/20SG	HPC-15/20SGA	2	1.5	1ph	50x50					380	355	300	250	220	180	100			
HPCD-12/20SG	—	2	1.5	1ph	50x50				225	205	185	177	170	162	155	145	125	85	50
HPC-20/30SG	HPC-20/30SGA	3	2.2	1ph	65x50		630	605	580	545	515	430	380	290	196				

Performance Table - South Region

Model	HP	kW	Phase	Pump Size (mm)		Head in meter							
						5	10	15	20	25	30	35	40
Jumpa-50	0.5	0.37	1Ph	25 x 25	Discharge in lpm	143	110	79	27				
Jumpa 100	1	0.75	1Ph	32 x 25		175	165	150	116	92	38		
HPS-6/05S	0.5	0.37	1Ph	25 x 25		140	130	90	60	10			
HPS-7/10S	1	0.75	1Ph	32 x 25			190	170	150	70	40		
HPS-8/10S-H	1	0.75	1Ph	32 x 25		220	184	168	148	113	53		
HPP-10/10S	1	0.75	1Ph	40 x 40		260	240	190					
HPS-9/15S	1.5	1.1	1Ph	32 x 25			210	190	170	90	70	40	
HPP-11/15S	1.5	1.1	1Ph	40 x 40		290	270	210	160	68			
HPC-13/15S	1.5	1.1	1Ph	50 x 50			400	330	210				
HPP-15/20S	2	1.5	1Ph	40 x 40			380	330	290	250	180		
HPC-24/20S	2	1.5	1Ph	50 x 50			420	350	210				
HPC-22/20S	2	1.5	1Ph	65 x 50			500	430	280				
HPC-14/30S	3	2.2	1Ph	40 x 40				410	370	290	220		
HPC-18/30S	3	2.2	1Ph	50 x 50			600	560	390	240			
HPC-25/30S	3	2.2	1Ph	65 x 50		760	680	600	420				

HORIZONTAL OPENWELL PUMPS



Specification

Power	1 & 1.5 HP
Speed	2900rpm
Type	1Ph 230V, 50Hz
Duty	S1 (Continuous)
Insulation Class	B
Head Range	10 to 35m
Flow Range	13 to 208lpm

Materials of Construction

Pump Casing & Bracket	Cast Iron
Motor Body	SS 304
Impeller	SS 304
Shaft	SS 410
Seal	Oil Seal
Bearing	Thrust Bearing

Operating Conditions

Max. Liquid Temp.	40°C
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Applications

Residential
Sprinkler system
Irrigation
Fountain
Construction

Performance Table

Model	HP	kW	Phase	Pump Size (mm)		Head in meter					
						10	15	20	25	30	35
XS-4/05S	0.5	0.3	1Ph	25	Discharge in lpm	162	123	66	13		
XS-7/10SM	1	0.75	1Ph	25		178	151	118	70		
XS-8/10S	1	0.75	1Ph	25		189	173	151	118	58	
XS-9/15S	1.5	1.1	1Ph	25		201	183	163	128	65	37

SS HORIZONTAL OPENWELL PUMPS



Specification

Power	1 to 1.5 HP
Speed	2900rpm
Type	1Ph 230V , 50Hz
Duty	S1 (Continuous)
Insulation Class	B
Head Range	7.5 to 27.5m
Flow Range	45 to 342lpm

Materials of Construction

Pump Casing & Bracket	SS304
Motor Body	SS304
Impeller	SS304
Shaft	SS 410
Seal	Oil Seal
Bearing	Thrust Bearing

Operating Conditions

Max. Liquid Temp.	40°C
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Applications

Residential
Food Processing
Fountains

Performance Table

Model	HP	kW	Pump Size (mm)		Head in meter								
					7.5	10	12.5	15	17.5	20	22.5	25	27.5
HPN-5/05S	0.5	0.37	25 x 25	Discharge in lpm	145	125	115	90	45				
HPN-7/07S	0.75	0.55	25 x 25		185	160	145	120	95	65			
HPN-9/10S	1	0.75	32 x 25					258	240	192	108		
HPN-12/15S	1.5	1.1	32 x 25					342	330	324	300	240	180

HORIZONTAL SELF PRIMING OPENWELL PUMPS



Specification

Power	0.5 to 5HP
Speed	1450 rpm
Version	1Ph - 230V , 50Hz 3Ph - 380V , 50Hz
Duty	S1 (Continuous)
Protetction	
Insulation Class	
Head Range	5 to 50
Flow Range	10 to 504 lpm

Operating Conditions

Max. Liquid Temp.	40°C
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Materials of Construction

Pump Casing & Bracket	Cast Iron
Motor Body	SS 304
Impeller	Brass
Shaft	SS410
Seal	Oil Seal

Applications

Domestic Application
Municipal water supply
Garden
Fountain

Performance Table

Model	HP	kW	Pump Size (mm)		Head in meter									
					9	12	15	18	21	24	27	30	35	40
HSP-01/05	0.5	0.37	25x25	Discharge in lpm	43	38	32	23	17	10				
HSP-02/10	1	0.75	25x25		63	57	53	49	46	41	37	33	24	29

Model	HP	kW	Stage	Pump Size (mm)		Head in meter									
						0	5	10	15	20	25	30	40	45	50
HSP-11/20	2	1.5	1	40 x 40	Discharge in lpm	250	220	192	167	142	90				
HSP-15/30	3	2.2	1	50 x 50		420	392	360	317	270	212	150			
HSP-18/50	5	3.7	1	50 x 50		504	470	432	380	324	254	180			
HSP2-09/50	5	3.7	2	40 x 40		250	233	220	212	200	188	175	140	117	90

HORIZONTAL MULTISTAGE OPENWELL PUMPS



Specification

Power	0.5 to 1.5 HP
Speed	2900rpm
Version	1Ph 230V, AC Supply
Duty	S1 (Continuous)
Insulation Class	B
Head Range	10 to 110m
Flow Range	33 to 300lpm

Operating Conditions

Max. Liquid Temp.	40°C
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Material of Construction

Pump Shell	SS304
Motor Body	SS304
Impeller	Noryl
Pump shaft	SS304
Motor Shaft	SS 410
Seal	Oil Seal
Bearing	Trust Bearing

Applications

Sprinkler system
Fountain
Pressure Boosting
Residential

Performance Table

Model	HP	kW	Phase	Del Size (mm)		Head in meter												
						10	15	20	25	30	35	40	50	60	70	80	90	100
HM5-4/05S	0.5	0.37	1Ph	32	Discharge in lpm	102	93	83	71	61	41							
HM7-5/10S	1	0.75	1Ph	32			102	96	88	80	75	65	41					
HM9-6/15S	1.5	1.1	1Ph	32				101	95	91	85	78	66	50	41			
HM14-7/20S	2	1.5	1Ph	32					98	94	92	90	83	72	69	64	57	33
HM5-15/30T	3	2.2	3Ph	50		300	295	280	260	250	240	220	150					
HM6-14/50T	5	3.7	3Ph	50		280	270	265	260	250	240	230	225	200	180	110		

HORIZONTAL MULTISTAGE OPENWELL PUMPS



Specification

Power	0.3 to 5 HP
Version	1Ph 230V, AC Supply
Speed	2900rpm
Duty	S1 (Continuous)
Insulation Class	B
Head Range	3 to 25m
Flow Range	27 to 980lpm

Material of Construction

Pump Shell	SS304
Motor Body	SS304
Impeller	Noryl
Pump shaft	SS304
Motor Shaft	SS 410
Seal	Oil Seal
Bearing	Thrust Bearing

Operating Conditions

Max. Liquid Temp.	40°C
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Applications

Sprinkler system
Fountain
Pressure Boosting
Residential

Performance Table

Model	HP	kW	Stage	Del Size (mm)	Phase		Head in meter					
							3	5	10	15	20	25
HF-103S	0.3	0.22	1	20	1Ph	Discharge in lpm	40	27				
HF-120S	2	1.5	1	65	1Ph		853	800	550			
HF-220S	2	1.5	2	50	1Ph		475	450	400	350	300	200
HF-230S	3	2.2	2	65	1Ph		690	670	620	550	450	300
HF-250S	5	3.7	2	65	1Ph		980	960	920	840	600	566

HORIZONTAL OPENWELL PUMPS



Specification

Power	3 to 10 HP
Speed	2900 rpm
Version	3Ph 380V-415V, 50Hz
Duty	S1 (Continuous)
Protection	IP 58
Insulation Class	B
Head Range	6 to 90m
Flow Range	118 to 3200lpm

Materials of Construction

Pump Casing	Cast Iron
Motor Body & Bearing Housing	Cast Iron
Impeller	Cast Iron
Motor Shaft	SS410
Pump Shaft	EN-8
Bearing	Thrust Bearing

Operating Conditions

Max. Ambient Temp.	40°C
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Application

Agriculture
Residential

Performance Table- South Region

Model	HP	kW	Phase	Pump Size (mm)		Head in meter													
						5	10	15	20	25	30	35	40	45	50	55	60	65	70
HM-24/30PT	3	2.2	3Ph	65X50	Discharge in lpm	760	680	600	420										
HM-27/30NT	3	2.2	3Ph	65X50		810	760	670	480	250									
HM-30/30T	3	2.2	3Ph	65 x 50		890	790	720	520	320									
HM-52/30T	3	2.2	3Ph	75 X 65		1136	956	808	548										
HM-36/50NT	5	3.7	3Ph	65X50			840	800	600	500									
HM-40/50T	5	3.7	3Ph	65 x 50				920	720	540	280								
HM-38/50TH	5	3.7	3Ph	65 x 50			712	690	670	630	618	540							
HM-68/50T	5	3.7	3Ph	75 X 65		1496	1412	1240	880	546									
HM-75/50T	5	3.7	3Ph	100 X 75		1600	1350	1124	730										
HM-78/50T	5	3.7	3Ph	100 X100		1710	1520	1200	1050	850									
HM-52/75T	7.5	5.5	3Ph	65 x 50					980	940	840	650	510						
HM-50/75TH	7.5	5.5	3Ph	65X50						720	680	580	460	350	240				
HM-73/75T	7.5	5.5	3Ph	75 X 65			1484	1430	1260	1110	820	580							
HM-89/75T	7.5	5.5	3Ph	100 X 75				1782	1486	1166									
HM-105/75T	7.5	5.5	3Ph	100 X 100		2020	1902	1796	1756	1558	1320	1088							
HM-68/100D	10	7.5	3Ph	65 x 50					1010	960	870	810	710	600					
HM-73/100D	10	7.5	3Ph	75 X 65				1480	1380	1210	980	710	380						
HM-95/100D	10	7.5	3Ph	100 X 75				2042	1810	1460	1160	920							
HM-107/100D	10	7.5	3Ph	100 X 100				2180	1890	1710	1550	1080							
HM-37/125DH	12.5	9.3	3Ph	50X50									780	740	690	600	460	390	
HM-76/125D	12.5	9.3	3Ph	65X65						1380	1360	1320	1260	970					
HM-90/125D	12.5	9.3	3Ph	80X80						1680	1530	1410	1120	770					
HM-99/125D	12.5	9.3	3Ph	100X80				1780	1650	1520	1380	1210	0						
HM-100/125D	12.5	9.3	3Ph	100X100				1930	1760	1580	1340	1180							
HM-50/150DH	15	11	3Ph	50X50											890	880	850	830	770
HM-80/150D	15	11	3Ph	65X65						1530	1410	1250	1020	800					
HM-85/150D	15	11	3Ph	100x75						1520	1420	730	0						
HM-105/150D	15	11	3Ph	100X100				2190	1980	1790	1250	1020	800						
HM-180/150D	15	11	3Ph	125X125			3520	3020	1980	22(0)									
HM-58/200D	20	15	3Ph	65X65												1180	1080	960	760

HORIZONTAL OPENWELL PUMPS

HORA

S E R I E S

Horizontal Openwell Pumps (3 ph)

VERTICAL OPENWELL PUMPS

VERNA+

S E R I E S

Vertical Openwell Pumps (1 ph)



Performance Table

Model	HP	kW	Phase	Pump Size (mm)		Head in meter													
						5	10	15	20	25	30	35	40	45	50	55	60	65	70
HM-87/200D	20	15	3Ph	80X65	Discharge in lpm								1780	1500	1250	1050			
HM-94/200D	20	15	3Ph	80X80								1600	1560	1420	1270	1070			
HM-135/200D	20	15	3Ph	100X100					2450	2370	2270	1830	1620	970					
HM-160/200D	20	15	3Ph	125X125				3520	3170	2070	870								
HM-170/200D	20	15	3Ph	150 X 150				5150	4000	3110	2470	2350							

Performance Table- North Region

Model	HP	kW	Pump Size (mm)		Head in meter															
					9	12	15	18	21	24	27	30	33	35	40	45	50	54	58	
HM-30/30TG	3	2.2	65x50	Discharge in lpm				650	595	515	410	300								
HM-36/30TG	3	2.2	65x65			700	635	540	410											
HM-25/50THG	5	3.7	65x65									640	630	620	550	435	270			
HM-30/50TG	5	3.7	65x50						570	530	465	430								
HM-32/50TG	5	3.7	65x50					825	720	650	550	450	360							
HM-27/50THG	5	3.7	65x50									517	510	470	430					
HM-35/50TG	5	3.7	65x65					845	740	672	590									
HM-52/50TG	5	3.7	80x80					1005	870	600										
HM-75/50TG	5	3.7	100x100			1298	1128	980												
HM-31/75THG	7.5	5.5	65x50												630	605	580	540		
HM-32/75TG	7.5	5.5	65x50									760	730	600	380			460		
HM-37/75THG	7.5	5.5	65x50											725	610	430	270			
HM-35/75THG	7.5	5.5	65x50								735	590	420							
HM-36/75TG	7.5	5.5	65x65								735	590	420							
HM-38/75TG	7.5	5.5	80x65								735	590	420							
HM-68/75TG	7.5	5.5	80x80					1360	1250	1095	740									
HM-70/75TG	7.5	5.5	100x80					1360	1250	1095	740									
HM-72/75TG	7.5	5.5	100x100					1400	1280	1125	760									
HM-42/100DHG	10	7.5	65x50									950	860	740	635	510				
HM-54/100DG	10	7.5	65x50									950	860	740	635	510				
HM-58/100DG	10	7.5	80x65					1810	1710	1545	1350									
HM-60/100DG	10	7.5	80x80					1840	1740	1572	1370									

Model	HP	kW	Pump Size (mm)		Head in meter													
					20	25	30	35	40	45	50	55	60	65	70	75	80	90
HM-72/100DG	10	7.5	100x80	Discharge in lpm					830	850	750	645	500	250				
HM-75/100DG	10	7.5	100x100					910	850	730	690	400						
HM-65/125DG	12.5	9.3	65x50				1220	1162	1120	1020	880							
HM-70/125DG	12.5	9.3	80x65				1560	1410	1240	1050	730							
HM-84/125DG	12.5	9.3	100x80		1860	1570	1300	840										
HM-26/125DHG	12.5	9.3	65x50								860	810	660	490	400	280		
HM-70/150DG	15	11	65x50					1460	1380	1305	1200	1060	870					
HM-74/150DG	15	11	80x65					1650	1470	1175	760							
HM-110/150DG	15	11	100x80		2550	2420	2220	1750	1060									
HM-30/200DG	20	15	65x50										570	560	550	538	520	460
HM-52/200DG	20	15	65x50									860	840	820	780	680	570	
HM-93/200DG	20	15	100x80						1940	1570	1250							
HM-65/250DG	25	18.5	80X65						1525	1410	1330	1075	880	645				
HM-100/250DG	25	18.5	100X80						2015	1650	1425							
HM-72/300DG	30	22	80X65							1650	1565	1440	1300	1120	940	700		
HM-95/300DG	30	22	100X80					2150	2000	1825	1615		1375	1100				
HM-147/300DG	30	22	125X100			3200	2765	2300	1550									

Specification

Power	0.75 to 2 HP
Speed	2900rpm
Version	1Ph 230V, AC Supply
Duty	S1 (Continuous)
Insulation Class	B
Head Range	10 TO 70m
Flow Range	48 to 108 lpm

Materials of Construction

Pump Shell	SS 304
Motor Body	SS 304
Impeller	Noryl
Shaft	SS 410
Bearing	Thurst Bearing

Operating Conditions

Max. Liquid Temp.	40°C
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Applications

- Residential
- Sprinkler
- Dripping irrigation system
- Fountains
- Pressure Boosting

Performance Table

Model	HP	kW	Phase	Outlet Size (mm)		Head in meter						
						10	20	30	40	50	60	70
VP6-4/05S-HF	0.5	0.37	1Ph	25	Discharge in lpm	105	93	71	46			
VP6-5/10S-HF	1	0.75	1Ph	25		108	98	87	71	54		
VP10-6/15S-HF	1.5	1.1	1Ph	25			104	96	86	73	58	40

VERTICAL OPENWELL PUMPS

VERNA

S E R I E S

Vertical Openwell Pumps (3Ph)



Specification

Power	3.0 to 50.0 HP
Speed	2900 rpm
Version	3Ph 415V , 50Hz
Duty	S1 (continuous)
Insulation	B Class
Head Range	10 to 250m
Flow Range	45 to 3190 lpm

Operating Conditions

Max. Liquid Temp	40°C
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Materials of Construction

Casing	Cast Iron
Motor Body	Cast Iron
Impeller	Cast Iron / Bronze
Shaft	SS 410
Bush	Gun Metal
Seal	Carbon / Ceramics
Bearing	Thrust Bearing

Application

Aggriculture	Irrigation
Springler system	Mines

Performance Table

Model	Motor Rating		Stages	Pump Type	DeL.size in mm	HEAD IN METRES & DISCHARGE IN LPM											
	HP	kW				HEAD LPM	33	28	21	20	18	16	14	12	10		
VS1-35/30T	3	2.2	1	RADIAL	65mm	HEAD LPM	0	280	550	625	685	710	760	850	800		
VS2-21/30T	3	2.2	2	RADIAL	50mm	HEAD LPM	0	220	310	430	530	580	750				
VS3-12/30T	3	2.2	3	RADIAL	50mm	HEAD LPM	0	110	160	200	210	250	260				
VS4-8/30T	3	2.2	4	RADIAL	50mm	HEAD LPM	0	120	160	135	220	235					
VS1-45/50T	5	3.7	1	RADIAL	65mm	HEAD LPM	28	24	22	20	18	15	12	10			
VS2-30/50T	5	3.7	2	RADIAL	65mm	HEAD LPM	46	40	35	30	25	20	15	10			
VS3-25/50T	5	3.7	3	RADIAL	65mm	HEAD LPM	60	55	50	45	40	30	20	10			
VS4-14/50T	5	3.7	4	RADIAL	50mm	HEAD LPM	72	70	65	60	50	30	20				
VS4-12/50TH	5	3.7	4	RADIAL	50mm	HEAD LPM	85	78	74	66	58	50	40	30			
VS5-9/50T	5	3.7	5	RADIAL	50mm	HEAD LPM	90	83	71	67	61	58	55	50	33		
VS6-8/50T	5	3.7	6	RADIAL	50mm	HEAD LPM	118	115	110	102	85	68	50				
VS7-7/50T	5	3.7	7	RADIAL	50mm	HEAD LPM	124	120	110	100	80	60	50	40	30	5	
VSM1-70/75T/D	7.5	5.5	1	MIXED	75mm	HEAD LPM	30	28	26	22	20	15	10				
VS2-40/75T/D	7.5	5.5	2	RADIAL	65mm	HEAD LPM	50	45	40	35	30	25	20				

VERTICAL OPENWELL PUMPS

VERNA

S E R I E S

Vertical Openwell Pumps (3Ph)

Performance Table

Model	Motor Rating		Stages	Pump Type	DeL.size in mm	HEAD IN METRES & DISCHARGE IN LPM											
	HP	kW				Head Lpm	39	35	33	30	25	20	10				
VSM2-55/75T/D	7.5	5.5	2	Mixed	75mm	Head Lpm	0	300	500	650	930	1140	1560				
VS3-31/75T/D	7.5	5.5	3	Radial	65mm	Head Lpm	68	60	55	50	45	40	35				
VS4-21/75T/D	7.5	5.5	4	Radial	50mm	Head Lpm	75	65	60	48	32	20	10				
VS5-15/75T/D	7.5	5.5	5	Radial	50mm	Head Lpm	88	86	84	80	74	60	50				
VS5-12/75TH/DH	7.5	5.5	5	Radial	50mm	Head Lpm	110	80	76	72	48	43	39				
VS6-14/75T/D	7.5	5.5	6	Radial	50mm	Head Lpm	130	100	96	90	86	80	50				
VS7-9/75T/D	7.5	5.5	7	Radial	50mm	Head Lpm	138	118	100	95	91	84	81	76	70	66	
VS8-8/T5T/D	7.5	5.5	8	Radial	50mm	Head Lpm	160	150	140	130	120	110	100	90	80	50	
VS9-7/75T/D	7.5	5.5	9	Radial	50mm	Head Lpm	189	180	160	150	140	120	110	100	90	80	
VSM1-75/100D	10	7.5	1	Mixed	75mm	Head Lpm	28	21	19	17	15	13	10				
VSM2-60/100D	10	7.5	2	Mixed	100mm	Head Lpm	48	40	35	30	25	20	15	10	8		
VS2-48/100D	10	7.5	2	Radial	75mm	Head Lpm	53	50	45	40	35	30	20	10	5		
VS3-40/100D	10	7.5	3	Radial	65mm	Head Lpm	73	60	55	50	45	40	30	25	20	10	
VS4-25/100D	10	7.5	4	Radial	65mm	Head Lpm	84	75	70	65	60	55	50	45	30	20	
VS5-22/100D	10	7.5	5	Radial	65mm	Head Lpm	99	95	90	85	80	70	60	50	45	40	
VS6-20/100D	10	7.5	6	Radial	65mm	Head Lpm	115	100	90	81	73	67	60	50	40	30	
VS7-18/100D	10	7.5	7	Radial	50mm	Head Lpm	153	131	100	90	82	70	65	55	20	5	
VS8-12/100D	10	7.5	8	Radial	50mm	Head Lpm	160	155	150	145	140	135	130	125	120	100	
VS10-9/100D	10	7.5	10	Radial	50mm	Head Lpm	200	180	153	140	120	100	80				
VSM1-105/125D	12.5	9.3	1	Mixed	100mm	Head Lpm	28	26	22	20	18	16	13	10	8	5	
VS2-40/125D-G	12.5	9.3	2	Radial	75mm	Head Lpm	54	50	45	40	35	30	20	13	5	3	
VSM2-40/125D-F	12.5	9.3	2	Mixed	100mm	Head Lpm	50	45	40	25	30	20	13				
VS3-45/125D	12.5	9.3	3	Radial	65mm	Head Lpm	75	62	60	55	50	45	40	30	20		
VS4-40/125D	12.5	9.3	4	Radial	65mm	Head Lpm	98	80	70	60	50	40	30	20	10	5	
VS5-26/125D	12.5	9.3	5	Radial	50mm	Head Lpm	110	100	90	80	70	60	50	40	30		
VS6-18/125D	12.5	9.3	6	Radial	50mm	Head Lpm	122	100	94	88	84	80	70	60	50		
VS8-15/125D	12.5	9.3	8	Radial	50mm	Head Lpm	160	140	137	126	107	100	90	70	60	50	
VS9-12/125D	12.5	9.3	9	Radial	50mm	Head Lpm	180	165	150	142	137	126	118	107	100	80	
VS10-10/125D	12.5	9.3	10	Radial	50mm	Head Lpm	195	180	170	130	150	140	130	100	90	80	

VERTICAL OPEN WELL PUMPS



Performance Table

Model	Motor Rating		Stages	Pump Type	Del.size in mm		HEAD IN METRES & DISCHARGE IN LPM									
	HP	kW														
VSM1-120/150D	15	11	1	Mixed	100mm	Head	30	24	22	17	15	13	11	9	4	
						Lpm	0	900	1900	3260	3580	3700	3900	4000	4100	
VS2-60/150D	15	11	2	Radial	75mm	Head	49	45	44	42	40	35	30	20	6	
						Lpm	0	480	570	660	880	1070	1120	1140	1150	
VSM2-90/150D	15	11	2	Mixed	100mm	Head	50	46	44	40	35	30	28	25	10	
						Lpm	0	760	780	1100	1550	1700	1880	1940	2150	
VS3-54/150D	15	11	3	Radial	75mm	Head	72	70	60	55	50	45	40	35	30	20
						Lpm	0	410	560	710	915	1180	1320	1350	1380	1530
VS4-45/150D	15	11	4	Radial	75mm	Head	98	80	70	60	50	40	33	20	15	10
						Lpm	0	530	830	860	870	880	900	930	1000	1100
VS5-39/150D	15	11	5	Radial	65mm	Head	106	80	75	70	65	60				
						Lpm	0	480	510	610	640	730				
VS6-26/150D	15	11	6	Radial	65mm	Head	148	135	124	110	90	70	40	30	20	10
						Lpm	0	290	340	380	390	400	410	420	430	450
VS8-18/150D	15	11	8	Radial	65mm	Head	160	150	140	130	100	90	80	70	60	
						Lpm	0	210	260	310	360	400	450	500	550	
VS10-14/150D	15	11	10	Radial	65mm	Head	175	162	150	140	130	115	105	90	80	70
						Lpm	0	150	230	270	330	390	420	480	500	540
VS1-170/200D	20	15	1	Mixed	100mm	Head	36	34	32	30	28	25	20	10	4	
						Lpm	0	400	700	1150	1600	2460	3200	4000	4500	
VS2-60/200D	20	15	2	Radial	75mm	Head	49	46	40	35	30	25				
						Lpm	0	520	900	1080	1320	1500				
VSM2-96/200D	20	15	2	Mixed	100mm	Head	51	46	45	42	38	26	18			
						Lpm	0	720	1020	1365	1620	2060	2260			
VS3-39/200D	20	15	3	Radial	75mm	Head	73	64	62	57	54	47	46	40		
						Lpm	0	900	960	1050	1200	1250	1280	1400		
VSM3-66/200D	20	15	3	Mixed	100mm	Head	83	64	60	50	40	30	20	15	10	5
						Lpm	0	550	800	1100	1500	1800	1900	2000	2100	2200
VS4-36/200D	20	15	4	Radial	75mm	Head	100	95	93	90	80	72	60	42	37	5
						Lpm	0	340	530	675	835	930	1015	1130	1265	1450
VS5-45/200D	20	15	5	Radial	65mm	Head	115	100	90	80	75	70	65	60	50	40
						Lpm	0	330	575	700	780	840	890	930	1080	1200
VS6-39/200D	20	15	6	Radial	65mm	Head	130	124	116	120	100	90	80	70		
						Lpm	0	400	500	515	600	690	720	860		
VS8-26/200D	20	15	8	Radial	65mm	Head	193	180	160	152	140	122	110	100	98	90
						Lpm	0	150	250	300	400	450	500	560	575	600
VS10-18/200D	20	15	10	Radial	65mm	Head	216	180	172	152	140	118	100	80	50	20
						Lpm	0	300	340	450	500	575	620	680	750	830
VS1-162/250D	25	18.5	1	Mixed	100mm	Head	28	26	24	22	20	15	10			
						Lpm	0	2960	3490	3600	3680	4500	5660			
VS2-105/250D	25	18.5	2	Mixed	100mm	Head	58	55	52	50	45	40	35	30	22	12
						Lpm	0	1020	1280	1340	1800	2340	2580	2880	3060	3720
VS3-80/250D	25	18.5	3	Radial		Head	75	70	65	55	50	35	30	6		
						Lpm	0	300	675	1200	1360	1650	1800	2050		
VSM3-100/200D	25	18.5	3	Mixed	100mm	Head	85	65	60	55	50	35	30	20	15	
						Lpm	0	950	1200	1500	1700	2020	2400	2700	3000	
VS4-75/250D	25	18.5	4	Radial	75mm	Head	112	88	76	70	60	54	50	40	36	
						Lpm	0	950	1110	1250	1420	1620	1815	1920	1980	
VS5-55/250D	25	18.5	5	Radial	65mm	Head	118	110	100	90	80	70	60	50	40	30
						Lpm	0	260	650	810	900	1050	1150	1220	1340	1440
VS6-45/250D	25	18.5	6	Radial	75mm	Head	135	130	127	120	112	98	88	78	52	
						Lpm	0	390	410	510	610	735	820	890	1035	
VS8-36/250D	25	18.5	8	Radial	65mm	Head	163	150	120	100	90	80	60	50	25	10
						Lpm	0	230	570	810	850	890	920	940	1030	1060
VS10-21/250D	25	18.5	10	Radial	65mm	Head	220	215	210	205	200	195	190	185	180	64
						Lpm	0	150	170	210	240	260	280	300	320	740

VERTICAL OPENWELL PUMPS



Performance Table

Model	Motor Rating		Stages	Pump Type	DeL.size in mm		HEAD IN METRES & DISCHARGE IN LPM									
	HP	kW														
VSM1-270/300D	30	22	1	Mixed	150mm	Head	35	30	28	25	20	10				
						Lpm	0	2800	3200	3800	4550	5200				
VSM2-120/300D	30	22	2	Mixed	150mm	Head	48	40	38	36	34	32	30	28	26	
						Lpm	0	2040	2460	2880	2960	3040	3100	3160	3250	
VSM3-108/300D	30	22	3	Mixed	150mm	Head	77	66	53	50	45	40	35	30	27	7
						Lpm	0	1080	1890	1960	2040	2096	2100	2160	2260	2560
VS4-60/300D	30	22	4	Radial	75mm	Head	104	100	96	86	78	64	50	40	35	25
						Lpm	0	250	510	940	1170	1410	1600	1700	1725	1800
VS5-55/300D	30	22	5	Radial	75mm	Head	128	120	110	100	90	80	70	60	50	5
						Lpm	0	240	615	840	940	1020	1170	1240	1335	1470
VS6-40/300D	30	22	6	Radial	75mm	Head	148	138	134	128	124	114	104	80	64	38
						Lpm	0	330	510	610	630	780	870	1160	1200	1310
VS8-45/300D	30	22	8	Radial	65mm	Head	190	186	182	180	178	170	168	160	158	
						Lpm	0	290	370	415	460	480	510	565	600	
VS10-25/300D	30	22	10	Radial	65mm	Head	220	210	200	196	194	186	174	170		
						Lpm	0	250	385	400	410	445	560	560		
VSM1-245/350D	35	26.5	1	Mixed	150mm	Head	40	35	30	28	25	20	10			
						Lpm	0	1200	3620	4130	4680	5630	6120			
VSM2-160/350D	35	26.5	2	Mixed	150mm	Head	51	48	46	41	39	35	30			
						Lpm	0	2110	2235	2620	2820	2960	3025			
VSM3-144/350D	35	26.5	3	Mixed	150mm	Head	85	80	70	60	54	50	40	30	8	
						Lpm	0	480	1260	2040	2400	2486	2600	2880	4960	
VSM4-75/350D	35	26.5	4	Mixed	75mm	Head	100	98	96	88	82	76	70	54	65	40
						Lpm	0	210	300	890	1100	1260	1700	1800	1880	1900
VS5-50/350D	35	26.5	5	Radial	75mm	Head	140	130	120	110	100	90	80	50	40	10
						Lpm	0	360	520	760	800	830	900	940	1000	1130
VS6-60/350D	35	26.5	6	Radial	75mm	Head	153	148	137	120	100	80	60	40	20	6
						Lpm	0	410	630	840	1060	1200	1300	1390	1470	1500
VS7-66/350D	35	26.5	7	Radial	65mm	Head	167	150	138	130	117	100	89	50	8	
						Lpm	0	390	960	1080	1380	1610	1650	1710	1760	
VS8-44/350D	35	26.5	8	Radial	75mm	Head	190	177	170	165	160	155	150			
						Lpm	0	555	630	700	730	830	900			
VS10-40/350D	35	26.5	10	Radial	65mm	Head	228	220	200	190	180	170	160			
						Lpm	0	330	445	560	630	670	720			
VSM1-255/400D	40	30	1	Mixed	150mm	Head	50	35	30	26	24	20	17			
						Lpm	0	3020	4020	4380	4480	5100	5620			
VSM2-190/400D	40	30	2	Mixed	150mm	Head	62	50	45	40	36	30	24	20		
						Lpm	0	1600	2460	3190	3610	4060	4370	4550		
VSM3-168/400D	40	30	3	Mixed	150mm	Head	90	80	70	61	58	55	50	40		
						Lpm	0	1370	1740	2015	2200	2430	2640	2100		
VSM4-112/400D	40	30	4	Mixed	150mm	Head	110	105	100	90	80	70	60	50	40	6
						Lpm	0	380	600	1080	1800	2190	2480	2630	2840	2860
VS6-72/400D	40	30	6	Radial	75mm	Head	165	140	130	120	110	100	80	70	50	
						Lpm	0	600	930	1050	1140	1400	1410	1450	1540	
VS8-51/400D	40	30	8	Radial	75mm	Head	210	190	186	180	170	160	144	120	100	84
						Lpm	0	130	340	600	940	890	1000	1070	1110	1200
VS10-36/400D	40	30	10	Radial	75mm	Head	252	225	210	200	175	160	145	125	100	80
						Lpm	0	420	530	630	720	810	880	920	1000	1050
VSM1-268/450D	45	33	1	Mixed	150mm	Head	44	40	36	35	30	25	20			
						Lpm	0	1930	3010	3500	4560	5520	5895			
VSM2-174/450D	45	33	2	Mixed	150mm	Head	70	66	50	46	30	26	24	20		
						Lpm	0	1600	2900	3300	4100	4460	4640	5020		
VSM3-156/450D	45	33	3	Mixed	150mm	Head	110	80	70	60	55	45	10			
						Lpm	0	1500	2010	2550	2730	3000	3825			
VSM4-108/450D	45	33	4	Mixed	100mm	Head	122	120	110	80	70	60				
						Lpm	0	1125	1580	1830	2020	2270				

VERTICAL OPEN WELL PUMPS

VERNA

S E R I E S

Vertical Openwell Pumps (3Ph)

4" SUBMERSIBLE PUMP WITH ACCESSORIES

MASTER PACK

S E R I E S

4" Submersible Pump
With Accessories

Performance Table

Model	Motor Rating		Stages	Pump Type	Del.size in mm		HEAD IN METRES & DISCHARGE IN LPM									
	HP	kW					Head	Lpm								
VS6-54/450D	45	33	6	Radial	127mm	Head	180	160	150	140	130	120	60			
						Lpm	0	400	685	880	1020	1220	1290			
VS8-42/450D	45	33	8	Radial	100mm	Head	228	220	200	194	186	180				
						Lpm	0	120	440	520	630	740				
VS10-30/450D	45	33	10	Radial	75mm	Head	270	255	240	236	220	200	170	135		
						Lpm	0	210	400	410	510	620	720	830		
VSM1-360/500D	50	37	1	Mixed	150mm	Head	43	38	36	34	30	28	20			
						Lpm	0	2995	4015	4590	5000	6020	6880			
VSM2-270/500D	50	37	2	Mixed	150mm	Head	65	50	45	40	35	30	20	3		
						Lpm	0	900	1620	2460	2760	3090	3900	4700		
VSM3-120/500D	50	37	3	Mixed	150mm	Head	76	64	60	59	54	51	40			
						Lpm	0	2000	2400	2800	3040	3260	3440			
VSM4-95/500D	50	37	4	Mixed	150mm	Head	119	85	80	78	76	68	64	60	56	50
						Lpm	0	1400	1700	1900	2100	2490	2700	2800	3000	3060
VS6-84/500D	50	37	6	Radial	100mm	Head	162	155	130	126	116	105	100	90		
						Lpm	0	430	1065	1210	1415	1625	1870	2000		
VS8-66/500D	50	37	8	Radial	75mm	Head	180	150	140	136	130	126	124	120		
						Lpm	0	710	900	1000	1100	1200	1260	1300		
VS10-47/500D	50	37	10	Radial	75mm	Head	256	250	246	230	226	224	220			
						Lpm	0	400	480	520	560	600	630			
VSM1-420/600D	60	45	1	Mixed	150mm	Head	54	50	48	46	44	40	38	36	34	30
						Lpm	0	1020	1500	1800	2100	4090	5090	5260	6110	9630
VSM2-290/600D	60	45	2	Mixed	150mm	Head	81	78	70	65	60	55	50	45	30	
						Lpm	0	600	1200	2000	2500	3040	3660	3800	4010	
VSM3-240/600D	60	45	3	Mixed	150mm	Head	93	80	70	60	50	40	30	20		
						Lpm	0	1500	2520	3220	4100	4400	4600	4800		
VSM4-120/600D	60	45	4	Mixed	127mm	Head	112	100	86	80	76	74	68	64	56	
						Lpm	0	1500	1770	1990	2400	2800	2990	3290	3670	
VS6-96/600D	60	45	6	Radial	75mm	Head	153	140	135	130	125	120	110	100	80	50
						Lpm	0	480	660	780	900	1030	1820	2220	2250	2280
VS8-60/600D	60	45	8	Radial	100mm	Head	202	190	180	170	160	150	140	130	120	100
						Lpm	0	220	300	450	650	850	1000	1200	1400	1500
VS10-58/600D	60	45	10	Radial	75mm	Head	289	250	240	220	200	150	130	100		
						Lpm	0	395	645	820	1060	1140	1260	1290		



Specification

Power	0.5 to 1.5 HP
Speed	2900 rpm
Version	1Ph 230V, 50Hz 3Ph 380V, 50Hz
Duty	S1 (Continuous)
Protection	IP 68
Insulation Class	B
Head Range	22 to 83m
Flow Range	16 to 92 lpm

Operating Conditions

Max. Liquid Temp.	upto 33°C
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Material of Construction

Suction inter Connector	SS 304
Pump Shell	SS 304
Pump Shaft	SS 431
Impeller	Thermo Plastic
Diffuser	Thermo Plastic
Discharge Housing	SS 304
Motor Shell	SS 304
Bearing	Thrust Bearing

Applications

Residential

Performance Table

Model	HP	kW	Phase	Del Size (mm)		Discharge in LPM							
						0	16.8	25.2	30	33	41.4	49.8	58.2
MP-1	0.5	0.37	1Ph / 3Ph	32	Head in Meter	71	63	53	46	40			
MP-2	0.5	0.37	1Ph / 3Ph	32		49	46	43	42	40	36	30	22
MP-3	0.75	0.55	1Ph / 3Ph	32		66	63	60	57	56	50	42	32
MP-4	1	0.75	1Ph / 3Ph	32		98	93	89	86	83	73	62	47

Model	HP	kW	Phase	Del Size (mm)		Discharge in LPM							
						0	33	49.8	58.2	66.6	75	83.4	91.8
MP-5	1.5	1.1	1Ph / 3Ph	32	Head in Meter	86	80	76	68	64	56	48	38

Master Pack Contains: Pump Set, Control Panel, Cable-70m*, Rope-70m*, Bore hole cap & adaptor

SUMP PUMPS



Specification

Power	0.8 to 1.6HP
Speed	2900rpm
Version	1Ph 230V, 50Hz 3Ph 380V, 50Hz
Duty	S1 (Continuous)
Protection	IP68
Insulation Class	F
Head Range	16 to 91m
Flow Range	20 to 100lpm

Material of Construction

Pump Shell	SS 304
Motor Shell	SS 304
Diffuser	PPO
Impeller	PPO
Pump Shaft	SS 420
Seal	Carbon Ceramic & Silicon Silicon
Strainer	SS 304

Operating Conditions

Max. Liquid Temp.	40°C
Max. Immersion Depth	20 mtr

Applications

Domestic water supply
Irrigation
Sprinkler system

Performance Table

Model	No of Stages	HP	kW	Outlet Size (mm)		Discharge in lpm						
						20	30	40	50	60	70	80
Benza-3/04	4	0.8	0.6	32	Head in meter	48	45	42	38	33	28	22
Benza-3/05	5	1	0.75	32		60	56	52	47	41	35	28
Benza-3/06	6	1.3	1	32		72	68	62	56	50	42	33
Benza-3/07	7	1.6	1.2	32		84	79	73	66	58	49	39

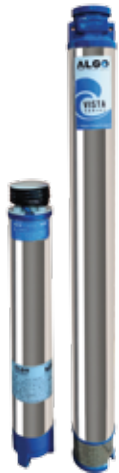
Model	No of Stages	HP	kW	Outlet Size (mm)		Discharge in lpm							
						30	40	50	60	70	80	90	100
Benza-5/03	3	0.8	0.6	32	Head in meter	36	35	32	30	27	24	20	16
Benza-5/04	4	1	0.75	32		48	46	43	40	36	32	26	21
Benza-5/05	5	1.3	1	32		60	58	54	50	45	39	33	26
Benza-5/06	6	1.6	1.2	32		72	69	65	60	54	47	40	31

*Model name ends with S-1Ph & T- 3Ph

Special Features

- Supplied with 15 mtr cable
- Provided with control box for 1Ph Models
- Compact & Easy Installation
- Float Switch for 1Ph models

3” SUBMERSIBLE PUMPSET



Specification

Power	0.5 to 1.5HP
Nominal Outlet size	25mm / 32mm / 40mm
Speed	2880rpm
Version	1ph, 180 - 230V
Degree of protection	IP 58
Duty	S1 (continuous)
Head Range	10 to 137m
Flow Range	10 to 50lpm

Materials of Construction

Suction Housing	Cast Iron
Pump Shell	SS 202
Pump Shaft	SS
Impeller	Modified PPO >20 % GFN
Diffuser	Modified PPO >20 % GFN
Discharge Housing	Cast Iron
Motor Shell	SS 202
Upper Housing	Cast Iron
Lower Housing	Cast Iron
Rotor	Electrolytic Grade Aluminium
Bearing	Thrust Bearing

Operating Conditions

Max. Liquid Temp.	Up to 35° C
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Applications

Agriculture
Residential

Performance Table

Model	Power		No of stages	Outlet Size (mm)		Discharge in lpm									
	HP	kW				10	15	20	25	30	35	40	45	50	
3VS4-05/10	0.5	0.37	10	1"	Head in meter	42	39	35	31	25	20	15	10		
3VS4-07/15	0.75	0.55	15	1"		61	56	51	45	37	32	20	10		
3VS4-10/20	1	0.75	20	1"		83	78	72	62	52	37	22	10		
3VS4-15/25	1.5	1.1	25	1"		110	100	90	85	70	55	30	10		
3VS4-20/30	2	1.5	30	1"		137	122	108	98	85	73	48	12		
3VS5-05/6	0.5	0.37	6	1.25"			26	24	22	20	16	12	10	10	
3VS5-07/10	0.75	0.55	10	1.25"			43	40	37	32	27	22	17	17	
3VS5-10/15	1	0.75	15	1.25"			65	60	55	50	40	30	20	20	
3VS5-15/20	1.5	1.1	20	1.25"			85	80	75	65	55	40	30	30	
3VS5-20/25	2	1.5	25	1.25"			105	100	95	85	75	60	50	40	

4" SUBMERSIBLE PUMPSET



Specification

Power	0.5 to 1.5HP
Nominal Outlet size	25mm/32mm/40mm/ 50mm
Speed	2880rpm
Head Range	8 to 120m
Flow range	20 to 160lpm
Version	1ph, 180 - 230V
Degree of protection	IP 58
Duty	S1 (continuous)

Materials of Construction

Suction Housing	Cast Iron
Pump Shell	SS 202
Pump Shaft	SS
Impeller	Modified PPO >20 % GFN
Diffuser	Modified PPO >20 % GFN
Discharge Housing	Cast Iron
Motor Shell	SS 202
Upper Housing	Cast Iron
Lower Housing	Cast Iron
Rotor	Electrolytic Grade Aluminium
Bearing	Thrust Bearing

Operating Conditions

Max. Liquid Temp.	Up to 35° C
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Applications

Agriculture
Residential

Performance Table- North Region

Model	Power		No of stages	Outlet Size (mm)		Discharge in lpm						
	HP	kW				0	30	50	70	80	90	100
JEETO-05	0.5	0.37	6	32	Head in meter	34	31	29	26	23	18	13
JEETO-07	0.75	0.55	8	32		45	42	39	36	31	25	19
JEETO-10	1	0.75	10	32		58	52	46	40	34	27	21
JEETO-10	1	0.75	12	32		67	57	50	44	37	29	23
JEETO-15	1.5	1.1	15	32		85	78	69	60	50	41	32
JEETO-15	1.5	1.1	18	32		100	83	73	64	53	43	34

Model	Power		No of stages	Outlet Size (mm)		Discharge in lpm						
	HP	kW				0	20	40	50	55	60	70
JEETO-05	0.5	0.37	8	32	Head in meter	46	40	37	33	28	22	15
JEETO-07	0.75	0.55	10	32		57	52	46	40	34	27	21
JEETO-07	0.75	0.55	12	32		68	62	55	48	40	33	26
JEETO-10	1	0.75	15	32		85	67	60	52	43	36	29
JEETO-10	1	0.75	18	32		100	72	64	56	46	39	31
JEETO-15	1.5	1.1	21	32		120	104	91	79	67	55	43
JEETO-15	1.5	1.1	25	32		142	123	108	95	81	66	50

Model	Power		No of stages	Outlet Size (mm)		Discharge in lpm						
	HP	kW				0	70	100	120	140	160	180
JEETO-10	1	0.75	7	40	Head in meter	40	33	30	26	21	18	13
JEETO-15	1.5	1.1	8	40		45	39	34	29	24	20	15
JEETO-15	1.5	1.1	9	40		49	42	38	33	27	23	17

4" SUBMERSIBLE PUMPSET



Model	Power		No of stages	Outlet Size (mm)		Discharge in lpm						
	HP	kW				0	40	80	95	105	125	135
JEETO-10	1	0.75	8	40	Head in meter	46	38	34	29	24	20	15
JEETO-15	1.5	1.1	10	40		57	49	43	37	30	24	18
JEETO-15	1.5	1.1	12	40		68	59	52	45	36	28	21

Model	Power		No of stages	Outlet Size (mm)		Discharge in lpm						
	HP	kW				0	110	130	160	170	180	200
JEETO-10	1	0.75	4	50	Head in meter	22	17	15	12	9	7	5
JEETO-15	1.5	1.1	6	50		33	26	24	20	16	13	8

Model	Power		No of stages	Outlet Size (mm)		Discharge in lpm						
	HP	kW				0	20	30	40	50	55	60
JEETO MAX-10	1	0.75	14	32	Head in meter	105	95	83	72	61	55	46
JEETO MAX-15	1.5	1.1	18	32		135	121	103	85	73	65	52
JEETO MAX-15	1.5	1.1	20	32		150	135	115	98	85	75	60

Model	Power		No of stages	Outlet Size (mm)		Discharge in lpm						
	HP	kW				0	35	40	50	60	70	80
JEETO MAX-10	1	0.75	10	32	Head in meter	75	69	67	59	50	38	25
JEETO MAX-15	1.5	1.1	14	32		105	96	93	82	69	53	44
JEETO MAX-15	1.5	1.1	15	32		112	102	99	88	75	58	49

Model	Power		No of stages	Outlet Size (mm)		Discharge in lpm						
	HP	kW				90	120	140	160	180	200	220
JEETO-20	2	1.5	6	50	Head in meter	28	25	22	18	15	12	6
JEETO-30	3	2.2	8	50		38	34	30	24	20	16	8
JEETO-50	5	3.7	14	50		66	60	52	42	35	28	14

NORTH REGION

Model	Power		No of stages	Outlet Size (mm)		Discharge in lpm						
	HP	kW				20	27	32	36	40	47	56
JEETO-5	0.5	0.37	10	25	Head in meter	50	45	42	40	35	25	15
JEETO-7	0.75	0.55	12	25		60	54	50	48	45	30	18
JEETO-7	0.75	0.55	15	25		75	68	63	60	52	38	23
JEETO-10	1	0.75	18	25		90	81	75	72	63	45	27
JEETO-10	1	0.75	20	25		100	90	84	80	70	50	30
JEETO-15	1.5	1.1	25	25		125	113	105	100	88	63	38
JEETO-20	2	1.5	30	25		150	135	126	120	105	75	45
JEETO-30	3	2.2	35	25		175	157	147	140	122	88	53

Model	Power		No of stages	Outlet Size (mm)		Discharge in lpm						
	HP	kW				22	30	35	40	46	56	65
JEETO-5	0.5	0.37	8	32	Head in meter	44	40	36	32	24	16	8
JEETO-7	0.75	0.55	10	32		55	50	45	40	30	20	10
JEETO-10	1	0.75	15	32		82	75	67	60	45	30	15
JEETO-15	1.5	1.1	18	32		90	85	75	70	50	35	18
JEETO-15	1.5	1.1	20	32		137	125	112	100	75	50	25
JEETO-20	2	1.5	25	32		165	150	135	120	90	60	30
JEETO-30	3	2.2	30	32		220	200	180	160	120	80	40
JEETO-50	5	3.7	40	32		248	225	203	180	135	90	45
JEETO-50	5	3.7	45	32		262	237	210	190	143	95	47

4" SUBMERSIBLE PUMPSET

JEETO

S E R I E S

4" SUBMERSIBLE PUMPSET

Model	Power		No of stages	Outlet Size(mm)		Discharge in lpm						
	HP	kW				37	50	58	65	80	96	105
JEETO-5	0.5	0.37	6	32	Head in meter	33	30	27	24	18	12	6
JEETO-7	0.75	0.55	8	32		44	40	36	32	24	16	8
JEETO-10	1.	0.75	10	32		55	50	45	40	30	20	10
JEETO-10	1	0.75	12	32		66	60	54	48	36	24	12
JEETO-15	1.5	1.1	15	32		82	75	67	60	45	30	15
JEETO-20	2	1.5	20	32		110	100	90	80	60	40	20
JEETO-30	3	2.2	25	32		137	125	112	100	75	50	25
JEETO-50	5.	3.7	35	32		192	175	158	140	105	70	35

Model	Power		No of stages	Outlet Size(mm)		Discharge in lpm						
	HP	kW				37	50	58	65	80	96	105
JEETO-5	0.5	0.37	6	32	Head in meter	33	30	27	24	18	12	6
JEETO-7	0.75	0.55	8	32		44	40	36	32	24	16	8
JEETO-10	1	0.75	10	32		55	50	45	40	30	20	10
JEETO-10	1	0.75	12	32		66	60	54	48	36	24	12
JEETO-15	1.5	1.1	15	32		82	75	67	60	45	30	15
JEETO-20	2	1.5	20	32		110	100	90	80	60	40	20
JEETO-30	3	2.2	25	32		137	125	112	100	75	50	25
JEETO-50	5	3.7	35	32		192	175	158	140	105	70	35

Model	Power		No of stages	Outlet Size(mm)		Discharge in lpm						
	HP	kW				30	54	74	90	115	130	142
JEETO-7	0.75	0.55	6	40	Head in meter	33	30	27	24	18	12	6
JEETO-10	1	0.75	8	40		44	40	36	32	24	16	8
JEETO-15	1.5	1.1	12	40		66	60	54	48	36	24	12
JEETO-20	2	1.5	15	40		83	75	68	60	45	30	15
JEETO-30	3	2.2	20	40		110	100	90	80	60	40	20
JEETO-50	5	3.7	30	40		165	150	135	120	90	60	30

Model	Power		No of stages	Outlet Size(mm)		Discharge in lpm						
	HP	kW				40	70	90	110	130	145	160
JEETO-7	0.75	0.55	5	50	Head in meter	27	25	22	20	15	10	5
JEETO-10	1	0.75	6	50		35	30	27	24	18	12	6
JEETO-15	1.5	1.1	10	50		55	50	45	40	30	20	10
JEETO-20	2	1.5	12	50		66	60	54	48	36	24	12
JEETO-30	3	2.2	15	50		82	75	67	60	45	30	15
JEETO-50	5	3.7	25	50		137	125	112	100	75	50	25

Model	Power		No of stages	Outlet Size(mm)		Discharge in lpm						
	HP	kW				70	100	125	145	160	180	200
JEETO-10	1	0.75	4	50	Head in meter	22	20	18	16	12	8	4
JEETO-15	1.5	1.1	8	50		44	40	36	32	24	16	8
JEETO-20	2	1.5	10	50		55	50	45	40	30	20	10
JEETO-30	3	2.2	12	50		66	60	54	48	36	24	12
JEETO-50	5	3.7	20	50		110	100	90	80	60	40	20

Model	Power		No of stages	Outlet Size(mm)		Discharge in lpm						
	HP	kW				90	120	140	160	180	200	220
JEETO-15	1.5	1.1	6	50	Head in meter	33	30	27	24	18	12	6
JEETO-20	2	1.5	8	50		44	40	36	32	24	16	8
JEETO-30	3	2.2	10	50		55	50	45	40	30	20	10
JEETO-50	5	3.7	16	50		88	80	72	64	48	32	16

Model	Power		No of stages	Outlet Size(mm)		Discharge in lpm						
	HP	kW				60	120	150	180	230	250	290
JEETO-20	2	1.5	6	50	Head in meter	28	25	22	18	15	12	6
JEETO-30	3	2.2	8	50		38	34	30	24	20	16	8
JEETO-50	5	3.7	14	50		66	60	52	42	35	28	14

4" SUBMERSIBLE PUMPSET

X-Ora

S E R I E S

4" Oilfilled Pumpset



Specification

Power	0.5 to 2 HP
Version	1Ph 230V, 50Hz
Speed	2900rpm
Insulation Class	F
Duty	S1 (continuous)
Head Range	14 to 138m
Flow range	19 to 172lpm

Material of Construction

Suction Housing	CI FG 200
Pump Shell	SS 202
Pump Shaft	SS 410
Impeller	PPO >20 % GFN
Diffuser	PPO >20 % GFN
Discharge Housing	CI FG 200
Motor Shell	SS 202
Upper Housing	CI With SS Cover
Mechanical Seal	Carbon Ceramic
Rubber Diaphram	Nitrile Rubber

Operating Conditions

Max. Liquid Temp.	Up to 35° C
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Applications

Agriculture
Residential

Performance Table

Model	Power		No of stages	Outlet Size (mm)		Discharge in lpm						
	HP	kW				0	19	36	45	54	59	68
X-Ora-0.5/7	0.5	0.37	7	32	Head in meter	48	39	32	28	25	21	14
X-Ora-0.5/8	0.5	0.37	8	32		55	44	36	32	28	24	16
X-Ora-0.75/10	0.75	0.55	10	32		69	55	45	40	35	30	20
X-Ora-1.0/12	1	0.75	12	32		83	66	54	48	42	36	24
X-Ora-1.0/15	1	0.75	15	32		104	83	68	60	53	45	30
X-Ora-1.5/18	1.5	1.1	18	32		124	99	81	72	63	54	36
X-Ora-1.5/20	1.5	1.1	20	32		138	110	90	80	70	60	40
X-Ora-2.0/25	2	1.5	25	32		173	138	113	100	88	75	50

Model	Power		No of stages	Outlet Size (mm)		Discharge in lpm						
	HP	kW				0	37	43	60	67	74	78
X-Ora-0.5/6	0.5	0.37	6	32	Head in meter	42	33	27	24	21	20	18
X-Ora-0.75/8	0.75	0.55	8	32		56	44	36	32	28	26	24
X-Ora-1.0/8	1	0.75	8	32		56	44	36	32	28	26	24
X-Ora-1.0/10	1	0.75	10	32		70	55	45	40	35	33	30
X-Ora-1.5/12	1.5	1.1	12	32		84	66	54	48	42	39	36
X-Ora-1.5/15	1.5	1.1	15	32		105	83	68	60	53	49	45
X-Ora-2.0/20	2	1.5	20	32		140	110	90	80	70	65	60

Model	Power		No of stages	Outlet Size (mm)		Discharge in lpm						
	HP	kW				0	68	81	95	108	120	135
X-Ora-1.5/10	1.5	1.1	10	40	Head in meter	65	50	45	40	35	30	22
X-Ora-2.0/15	2.	1.5	15	40		98	75	68	60	53	45	33

Model	Power		No of stages	Outlet Size (mm)		Discharge in lpm						
	HP	kW				0	87	112	120	137	150	172
X-Ora-2.0/10	2	1.5	10	40/50	Head in meter	60	50	45	40	35	30	26

6" SUBMERSIBLE PUMPSET

RAMBO
& MAXI BLUE

S E R I E S

6" SUBMERSIBLE PUMPSET



Specification

Power	3 to 25HP
Nominal Outlet Size	50mm / 65mm / 75mm
Speed	2880rpm
Head Range	3 to 450m
Flow range	40 to 1000lpm
Version	3ph, 380 - 450V
Degree of protection	IP 58
Duty	S1 (continuous)

Materials of Construction

Suction & Discharge Housing	CI
Pump Shaft	SS
Impeller	SS
Diffuser	CI
Motor Shell	SS
Upper Housing	CI
Lower Housing	CI
Rotor Shaft	SS
Bearing	Thrust Bearing

Operating Conditions

Max. Liquid Temp.	Up to 35° C
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Applications

Agriculture
Residential

Performance Table- North Region

Model	Power		No of stages	Outlet Size		Discharge in lpm						
	HP	kW				72	78	90	112	152	190	240
6RSJ-3/8	3	2.2	8	2"	Head in meter	68	66	65	58	45	30	3
6RSJ-3/10	3	2.2	10	2"		84	82	80	72	56	37	4
6RSJ-4/12	4	3	12	2"		100	98	95	86	66	44	4
6RSJ-5/16	5	3.7	16	2"		133	131	126	114	87	58	6
6RSJ-6/18	6	4.5	18	2"		149	147	142	128	98	65	7
6RSJ-6/20	6	4.5	20	2"		165	162	157	142	108	72	9
6RSJ-7.5/25	7.5	5.5	25	2"		207	203	196	177	134	90	11
6RSJ-10/32	10	7.5	32	2"		263	260	249	226	171	114	12

Model	Power		No of stages	Outlet Size		Discharge in lpm						
	HP	kW				40	85	115	150	200	230	290
6RSJ-3/7	3	2.2	7	2"	Head in meter	63	60	57	51	40	27	4
6RSJ-4/10	4	3	10	2"		89	85	80	72	56	37	5
6RSJ-5/12	5	3.7	12	2"		106	102	95	86	66	44	6
6RSJ-6/15	6	4.5	15	2"		132	127	119	107	82	55	8
6RSJ-7.5/18	7.5	5.5	18	2"		158	152	142	128	98	65	9
6RSJ-7.5/20	7.5	5.5	20	2"		175	169	157	142	108	72	10
6RSJ-10/25	10	7.5	25	2"		218	212	196	177	134	90	15
6RSJ-12.5/30	12.5	9.3	30	2"		261	254	234	212	161	107	18

6" SUBMERSIBLE PUMPSET

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6" SUBMERSIBLE PUMPSET

Model	Power		No of stages	Outlet Size		Discharge in lpm						
	HP	kW				65	155	170	190	230	265	310
6RSJ-3/6	3	2.2	6	2"	Head in meter	57	55	49	44	35	23	2
6RSJ-4/8	4	3	8	2"		75	72	65	58	45	30	3
6RSJ-5/10	5	3.7	10	2"		93	90	80	72	56	37	4
6RSJ-6/12	6	4.5	12	2"		111	107	95	86	66	44	5
6RSJ-7.5/14	7.5	5.5	14	2"		129	125	111	100	77	51	5
6RSJ-7.5/15	7.5	5.5	15	2"		138	133	119	107	82	55	6
6RSJ-7.5/16	7.5	5.5	16	2"		152	142	126	114	87	58	6
6RSJ-10/18	10	7.5	18	2"		165	160	142	128	98	65	7
6RSJ-10/20	10	7.5	20	2"		183	177	157	142	108	72	8
6RSJ-12.5/25	12.5	9.3	25	2"		228	221	196	177	134	90	10
6RSJ-15/30	15	11	30	2"		273	265	234	212	161	107	12

Model	Power		No of stages	Outlet Size		Discharge in lpm						
	HP	kW				65	120	210	245	285	310	360
6RSJ-3/5	3	2.2	5	2"	Head in meter	49	46	42	37	29	20	2
6RSJ-4/7	4	3	7	2"		68	63	57	51	40	27	3
6RSJ-5/8	5	3.7	8	2"		77	72	65	58	45	30	3
6RSJ-6/10	6	4.5	10	2"		96	90	80	72	56	37	4
6RSJ-7.5/12	7.5	5.5	12	2"		115	107	95	86	66	44	5
6RSJ-10/16	10	7.5	16	2"		142	133	119	107	82	55	6
6RSJ-12.5/20	12.5	9.3	20	2"		189	177	157	142	108	72	8
6RSJ-15/25	15	11	25	2"		236	221	196	177	134	90	10
6RSJ-17.5/30	17.5	13	30	2"		285	260	240	220	170	120	15
6RSJ-20/32	20	15	32	2"		310	285	255	235	178	135	20

Model	Power		No of stages	Outlet Size		Discharge in lpm						
	HP	kW				80	175	265	295	335	375	420
6RSJ-3/4	3	2.2	4	2"	Head in meter	40	37	34	30	24	16	3
6RSJ-6/8	6	4.5	8	2"		78	72	65	58	45	30	5
6RSJ-10/14	10	7.5	14	2"		134	125	111	100	77	51	9
6RSJ-10/15	10	7.5	15	2"		144	133	119	107	82	55	9
6RSJ-12.5/18	12.5	9.3	18	2"		172	160	142	128	98	65	11
6RSJ-15/20	15	11	20	2"		191	177	157	142	108	72	13
6RSJ-17.5/25	17.5	13	25	2"		234	219	193	175	131	88	15

Model	Power		No of stages	Outlet Size		Discharge in lpm						
	HP	kW				55	120	255	300	375	430	510
6RSJ-4/5	4	3	5	2"	Head in meter	52	50	47	42	33	22	3
6RSJ-5/6	5	3.7	6	2"		62	60	56	50	39	26	4
6RSJ-7.5/10	7.5	5.5	10	2"		101	98	91	82	63	42	6
6RSJ-10/12	10	7.5	12	2"		121	117	109	98	75	50	7
6RSJ-12.5/15	12.5	9.3	15	2"		150	146	135	122	93	62	9
6RSJ-12.5/16	12.5	9.3	16	2"		160	156	144	130	99	66	10
6RSJ-15/18	15	11	18	2"		180	175	161	146	111	74	11
6RSJ-17.5/22	17.5	13	22	2"		218	205	190	170	130	85	12
6RSJ-20/25	20	15	25	2"		240	230	215	195	145	90	13
6RSJ-25/30	25	18.5	30	2"		295	272	248	230	185	128	14

Model	Power		No of stages	Outlet Size		Discharge in lpm						
	HP	kW				140	270	330	355	400	435	470
6RSJ-3/3	3	2.2	3	2"	Head in meter	35	32	29	26	21	14	2
6RSJ-4/4	4	3	4	2"		45	42	38	34	27	18	2
6RSJ-5/5	5	3.7	5	2"		56	52	47	42	33	22	3
6RSJ-6/6	6	4.5	6	2"		67	62	56	50	39	26	4
6RSJ-7.5/7	7.5	5.5	7	2"		77	72	65	58	45	30	4
6RSJ-7.5/8	7.5	5.5	8	2"		88	82	73	66	51	34	5
6RSJ-10/10	10	7.5	10	2"		109	102	91	82	63	42	6
6RSJ-12.5/12	12.5	9.3	12	2"		130	122	109	98	75	50	7
6RSJ-15/15	15	11	15	2"		162	152	135	122	93	62	9
6RSJ-17.5/16	17.5	13	16	2"		188	175	150	128	98	70	10
6RSJ-17.5/18	17.5	13	18	2"		196	185	165	135	102	81	11
6RSJ-20/20	20	15	20	2"		245	225	175	143	120	98	12
6RSJ-25/25	25	18.5	25	2"		255	235	218	155	150	112	14

6” SUBMERSIBLE PUMPSET

RAMBO
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6" SUBMERSIBLE PUMPSET

6” SUBMERSIBLE PUMPSET

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6" SUBMERSIBLE PUMPSET

Model	Power		No of stages	Outlet Size		Discharge in lpm						
	HP	kW				160	245	370	430	475	510	550
6MSJ-3/3	3	2.2	3	2.5"	Head in meter	28	26	25	23	22	21	20
6MSJ-4/4	4	3	4	2.5"		37	35	33	31	29	28	27
6MSJ-5/5	5	3.7	5	2.5"		46	44	41	39	37	36	34
6MSJ-6/6	6	4.5	6	2.5"		55	53	49	47	44	43	40
6MSJ-7.5/7	7.5	5.5	7	2.5"		64	62	57	55	51	50	47
6MSJ-7.5/8	7.5	5.5	8	2.5"		74	70	66	62	58	57	54
6MSJ-10/10	10	7.5	10	2.5"		92	88	82	78	73	71	67
6MSJ-12.5/12	12.5	9.3	12	2.5"		110	106	98	94	88	85	80
6MSJ-15/15	15	11	15	2.5"		138	132	123	117	110	107	85
6MSJ-17.5/18	17.5	13	18	2.5"		142	138	130	122	116	111	92
6MSJ-20/20	20	15	20	2.5"		151	143	138	131	118	114	100

Model	Power		No of stages	Outlet Size		Discharge in lpm						
	HP	kW				330	440	480	520	580	620	680
6MSJ-4/3	4	3	3	2.5"	Head in meter	28	26	25	23	22	21	19
6MSJ-5/4	5	3.7	4	2.5"		37	34	33	31	29	28	25
6MSJ-6/5	6	4.5	5	2.5"		46	43	41	39	37	35	32
6MSJ-7.5/6	7.5	5.5	6	2.5"		55	52	49	47	44	42	38
6MSJ-10/8	10	7.5	8	2.5"		74	69	66	62	58	56	50
6MSJ-12.5/10	12.5	9.3	10	2.5"		92	86	82	78	73	70	63
6MSJ-15/12	15	11	12	2.5"		110	103	98	94	88	84	76
6MSJ-17.5/14	17.5	13	14	2.5"		135	115	105	98	92	89	80
6MSJ-20/16	20	15	16	2.5"		153	125	118	112	104	92	85

Model	Power		No of stages	Outlet Size		Discharge in lpm						
	HP	kW				410	530	600	640	670	710	750
6MSJ-5/3	5	3.7	3	3"	Head in meter	29	27	25	23	22	20	19
6MSJ-6/4	6	4.5	4	3"		38	36	33	31	30	27	25
6MSJ-7.5/5	7.5	5.5	5	3"		48	45	41	39	37	34	32
6MSJ-10/6	10	7.5	6	3"		55	52	49	47	43	41	37
6MSJ-10/7	10	7.5	7	3"		67	62	57	55	52	48	44
6MSJ-12.5/8	12.5	9.3	8	3"		76	71	66	62	59	54	50
6MSJ-15/10	15	11	10	3"		95	89	82	78	74	68	63
6MSJ-17.5/12	17.5	13	12	3"		98	108	98	93	89	83	78
6MSJ-20/14	20	15	14	3"		115	126	118	106	102	96	91
6MSJ-25/16	25	18.5	16	3"		126	144	136	120	115	108	101

Model	Power		No of stages	Outlet Size		Discharge in lpm						
	HP	kW				290	460	620	840	905	940	1000
6MSJ-6/3	6	4.5	3	3"	Head in meter	31	29	26	23	21	19	17
6MSJ-7.5/4	7.5	5.5	4	3"		41	38	35	31	28	26	22
6MSJ-10/5	10	7.5	5	3"		52	48	44	39	36	32	28
6MSJ-12.5/6	12.5	9.3	6	3"		62	57	53	47	43	38	33
6MSJ-15/7	15	11	7	3"		72	67	62	55	50	45	39
6MSJ-15/8	15	11	8	3"		82	76	70	62	57	51	44
6MSJ-17.5/8	17.5	13	8	3"		82	76	70	62	57	51	44
6MSJ-20/10	20	15	10	3"		86	101	95	78	60	53	46
6MSJ-25/12	25	18.5	12	3"		89	118	112	96	75	68	50

Model	Power		No of stages	Outlet Size		Discharge in lpm						
	HP	kW				680	820	900	1050	1120	1200	1280
6MSJ-5/2	5	3.7	2	3"	Head in meter	19	18	17	15	14	13	11
6MSJ-7.5/3	7.5	5.5	3	3"		29	26	25	23	22	19	17
6MSJ-10/4	10	7.5	4	3"		38	35	34	30	29	26	22
6MSJ-12.5/5	12.5	9.3	5	3"		48	44	42	38	36	32	28
6MSJ-15/6	15	11	6	3"		58	53	50	46	43	38	33
6MSJ-17.5/7	17.5	13	7	3"		70	62	57	51	45	41	35
6MSJ-20/8	20	15	8	3"		80	73	63	58	50	46	40
6MSJ-25/10	25	18.5	10	3"		100	88	79	72	63	55	50

Model	Power		No of stages	Outlet Size		Discharge in lpm						
	HP	kW				700	850	1000	1260	1330	1400	1500
6MSJ-6/2	6	4.5	2	3"	Head in meter	18	18	17	15	14	13	11
6MSJ-10/3	10	7.5	3	3"		27	26	25	23	22	19	17
6MSJ-12.5/4	12.5	9.3	4	3"		36	35	34	30	29	26	22
6MSJ-15/5	15	11	5	3"		45	44	42	38	36	32	28
6MSJ-17.5/6	17.5	13	6	3"		60	58	54	46	44	40	22
6MSJ-20/7	20	15	7	3"		71	68	63	55	52	47	24
6MSJ-25/8	25	18.5	8	3"		82	78	72	63	58	54	25

Model	Power		No of stages	Outlet Size		Discharge in lpm						
	HP	kW				50	65	80	100	130	150	180
6SSJ-3/7	3	2.2	7	2"	Head in meter	98	90	84	70	49	35	22
6SSJ-4/10	4	3	10	2"		140	130	120	100	70	50	36
6SSJ-5/12	5	3.7	12	2"		168	155	144	120	84	60	48
6SSJ-6/14	6	4.5	14	2"		195	180	168	140	98	70	54
6SSJ-7.5/18	7.5	5.5	18	2"		250	232	216	180	125	90	66
6SSJ-10/24	10	7.5	24	2"		335	310	288	240	167	120	98
6SSJ-12.5/30	12.5	9.3	30	2"		415	395	360	300	210	150	122
6SSJ-15/36	15	11	36	2"		500	465	430	355	250	180	168

Model	Power		No of stages	Outlet Size		Discharge in lpm						
	HP	kW				40	80	90	110	135	160	190
6SSJ-3/6	3	2.2	6	2"	Head in meter	84	78	73	69	60	48	33
6SSJ-4/8	4	3	8	2"		112	104	97	92	80	64	44
6SSJ-5/10	5	3.7	10	2"		140	130	122	115	100	80	55
6SSJ-6/12	6	4.5	12	2"		168	156	146	138	120	96	66
6SSJ-7.5/15	7.5	5.5	15	2"		210	195	183	172	150	120	82
6SSJ-10/20	10	7.5	20	2"		280	260	244	230	200	160	110
6SSJ-12.5/25	12.5	9.3	25	2"		350	325	305	287	250	200	137
6SSJ-15/30	15	11	30	2"		418	390	365	345	300	240	165

Model	Power		No of stages	Outlet Size		Discharge in lpm						
	HP	kW				75	115	130	150	175	205	225
6SSJ-3/5	3	2.2	5	2"	Head in meter	75	70	66	60	52	45	35
6SSJ-4/6	4	3	6	2"		90	83	76	71	55	43	28
6SSJ-4/7	4	3	7	2"		105	98	92	84	72	63	49
6SSJ-5/8	5	3.7	8	2"		120	112	105	96	82	72	56
6SSJ-6/10	6	4.5	10	2"		150	140	130	120	102	90	70
6SSJ-7.5/12	7.5	5.5	12	2"		180	168	158	144	123	108	84
6SSJ-10/16	10	7.5	16	2"		240	224	210	192	164	144	112
6SSJ-12.5/20	12.5	9.3	20	2"		300	280	264	240	205	180	140
6SSJ-15/24	15	11	24	2"		360	336	316	288	246	216	168
6SSJ-17.5/27	17.5	13	27	2"		405	378	356	324	277	243	190
6SSJ-20/30	20	15	30	2"		450	420	395	360	308	270	210

6” SUBMERSIBLE PUMPSET

RAMBO
& MAXI BLUE

S E R I E S

6" SUBMERSIBLE PUMPSET

6” SUBMERSIBLE PUMPSET

RAMBO
& MAXI BLUE

S E R I E S

6" SUBMERSIBLE PUMPSET

6" Water Filled - Mixed Flow Pumpset - MAXI BLUE JET SERIES

Model	Power		No of stages	Outlet Size		Discharge in lpm						
	HP	kW				90	140	165	200	250	275	320
6SSJ-3/4	3	2.2	4	2"	Head in meter	60	56	53	48	36	28	18
6SSJ-4/5	4	3	5	2"		75	70	66	60	45	35	23
6SSJ-5/6	5	3.7	6	2"		90	84	79	72	54	42	27
6SSJ-6/8	6	4.5	8	2"		120	112	105	96	72	56	36
6SSJ-7.5/10	7.5	5.5	10	2"		150	140	132	120	90	70	45
6SSJ-10/12	10	7.5	12	2"		180	167	158	144	108	84	54
6SSJ-12.5/15	12.5	9.3	15	2"		225	210	198	180	135	105	68
6SSJ-15/18	15	11	18	2"		270	252	238	216	162	126	81
6SSJ-17.5/22	17.5	13	22	2"		330	308	290	264	198	154	99
6SSJ-20/25	20	15	25	2"		375	350	330	300	225	175	112
6SSJ-25/30	25	18.5	30	2"		450	418	395	360	270	210	135

Model	Power		No of stages	Outlet Size		Discharge in lpm						
	HP	kW				110	190	230	260	320	370	410
6SSJ-3/3	3	2.2	3	2"	Head in meter	45	42	37	36	30	23	15
6SSJ-4/4	4	3	4	2"		60	56	52	48	40	31	20
6SSJ-5/5	5	3.7	5	2"		75	70	64	60	50	39	25
6SSJ-6/6	6	4.5	6	2"		90	84	77	72	60	46	30
6SSJ-7.5/8	7.5	5.5	8	2"		120	112	103	96	80	62	40
6SSJ-10/10	10	7.5	10	2"		150	140	130	120	100	78	50
6SSJ-12.5/12	12.5	9.3	12	2"		180	168	155	144	120	96	60
6SSJ-15/15	15	11	15	2"		225	210	193	180	150	116	75
6SSJ-17.5/18	17.5	13	18	2"		270	252	232	216	180	140	90
6SSJ-20/20	20	15	20	2"		300	280	258	240	200	155	100
6SSJ-25/25	25	18.5	25	2"		375	350	322	300	250	194	125

Model	Power		No of stages	Outlet Size		Discharge in lpm						
	HP	kW				130	240	280	340	450	500	550
6SSJ-4/3	4	3	3	2.5"	Head in meter	45	42	40	36	27	21	15
6SSJ-5/4	5	3.7	4	2.5"		60	56	53	48	36	28	20
6SSJ-6/5	6	4.5	5	2.5"		75	70	66	60	45	35	25
6SSJ-7.5/6	7.5	5.5	6	2.5"		90	84	80	72	54	42	30
6SSJ-10/8	10	7.5	8	2.5"		120	112	106	96	72	56	40
6SSJ-12.5/10	12.5	9.3	10	2.5"		150	140	133	120	90	70	50
6SSJ-15/12	15	11	12	2.5"		180	168	160	144	108	84	60
6SSJ-17.5/14	17.5	13	14	2.5"		210	195	186	168	126	98	70
6SSJ-20/16	20	15	16	2.5"		240	224	212	192	144	112	80
6SSJ-25/20	25	18.5	20	2.5"		300	280	266	240	180	140	100

Model	Power		No of stages	Outlet Size		Discharge in lpm						
	HP	kW				135	320	350	400	505	550	600
6SSJ-3/2	3	2.2	2	2.5"	Head in meter	30	28	26	24	18	14	10
6SSJ-5/3	5	3.7	3	2.5"		45	41	40	36	27	21	15
6SSJ-6/4	6	4.5	4	2.5"		60	55	53	48	43	28	20
6SSJ-7.5/5	7.5	5.5	5	2.5"		75	69	66	60	45	35	25
6SSJ-10/6	10	7.5	6	2.5"		90	84	80	72	58	44	26
6SSJ-10/7	10	7.5	7	2.5"		105	97	92	84	63	49	35
6SSJ-12.5/8	12.5	9.3	8	2.5"		120	110	106	96	72	56	40
6SSJ-15/10	15	11	10	2.5"		150	138	132	120	90	70	50
6SSJ-17.5/12	17.5	13	12	2.5"		180	166	158	144	108	84	60
6SSJ-20/13	20	15	13	2.5"		195	180	172	156	117	91	65
6SSJ-25/16	25	18.5	16	2.5"		240	220	211	192	114	112	80

Model	Power		No of stages	Outlet Size		Discharge in lpm						
	HP	kW				130	375	410	510	590	690	810
6SSJ-4/2	4	3	2	3"	Head in meter	31	28	26	24	20	15	7
6SSJ-6/3	6	4.5	3	3"		45	42	40	36	30	23	10
6SSJ-7.5/4	7.5	5.5	4	3"		60	56	53	48	40	30	14
6SSJ-10/5	10	7.5	5	3"		75	70	66	60	50	37	17
6SSJ-12.5/6	12.5	9.3	6	3"		90	84	80	72	60	45	21
6SSJ-15/7	15	11	7	3"		105	97	92	84	65	49	25
6SSJ-15/8	15	11	8	3"		120	112	105	96	80	60	27
6SSJ-17.5/9	17.5	13	9	3"		135	126	118	108	90	66	31
6SSJ-20/10	20	15	10	3"		150	140	132	120	100	74	35
6SSJ-25/12	25	18.5	12	3"		180	168	155	144	120	90	42

SOLAR SUBMERSIBLE PUMPS



Specification

Pump sets	
Rated power:	0.37 kW to 38 kW
Efficiency:	82% to 96%
Motor speed:	900 to 3600 rpm
Insulation class	B
Enclosure class	IP58/IP68
Head range	1m to 100 m
flow Rate	40000lph

Controller	
Power	0.5 kW to 45 kW
Input voltage	60 VDC to 750 VDC
Efficiency	max 98%
Ambient temp	-30 to 50 °C
Motor current	2 A to 80 A
Enclosure class	IP45/IP54

Operating Conditions

Max. Liquid Temp.	40°C
Max. Immersion Depth	20 mtr

Applications	
	Domestic water supply
	Irrigation
	Sprinkler system

AC SOLAR SUBMERSIBLE PUMPSET

Model	Motor Power (HP)	Std Voltage	Stage	Duty Point	
				Head in Mtrs	Flow in LPH
A4L-10T-4S08/05	1	110	5	20	7980
A4L-10T-4S05/09		110	9	30	4020
A4L-10T-4S02/14		110	14	50	1980
A4L-10T-4S02/18	2	110	18	70	1980
A4L-20T-4S08/08		160	8	20	10020
A4L-20T-4S08/10		160	10	30	7980
A4L-20T-4S05/14		160	14	50	6000
A4L-20T-4S03/22		160	22	70	3000
A4L-30T-6S30/03	3	230	3	20	27000
A4L-30T-6S09/04		230	4	30	9000
A4L-30T-4S08/14		230	14	50	7980
A4L-30T-4S05/24		230	24	70	4800
A6L-50T-6S46/03	5	380	3	20	30000
A6L-50T-6S30H/04		380	4	30	28800
A6L-50T-6S09/07		380	7	50	12840
A6L-50T-6S09H/10		380	10	70	10800
A6L50T-4S05/33	7.5	380	33	100	6000
A6L-75T-6S46/05		300	5	30	48000
A67-75T-6S30/07		300	7	50	30000
A6L-75T-6S17/10		300	10	70	15000
A6L-75T-6S09/14		300	14	100	9000
A6L-100T-6S60/04	10	380	4	20	60000
A6L-100T-6S46/04		380	4	30	45000
A6L-100T-6S30/08		380	8	50	30000
A6L-100T-6S09/14		380	14	70	15000
A6L-100T-6S09/16		380	16	100	12000

SOLAR SUBMERSIBLE PUMPS



AC SOLAR SUBMERSIBLE PUMPSET

Model	Motor Power (HP)	Std Voltage	Stage	Duty Point	
				Head in Mtrs	Flow in LPH
A6L-125T-8S77/03	12.5	380	3	30	60000
A6L-125T-6S60/05		380	5	40	48000
A6L-125T-6S30/11		380	11	75	30000
A6L-125T-6S17/16		380	16	120	15000
A6L-125T-6S09/21		380	21	170	9000
A6L-15T-6S60/06	15	380	6	40	60000
A6L-150T-6S46/08C		380	8-C	60	48000
A6L-150T-6S30/13		380	13	90	30000
A6L-150T-6S17/20		380	20	150	15000
A6L-150T-6S09/23		380	23	180	12000
A6L-200T-6S60/08	20	380	8	60	60000
A6L-200T-6S46/11		380	11	80	48000
A6L-200T-6S30/17		380	17	125	30000
A6L-200T-6S17/27		380	27	225	15000
A6L-200T-6S09/32		380	32	260	15000

DC SOLAR SUBMERSIBLE PUMPSET

Model	Motor Power (HP)	Std Voltage	Stage	Duty Point	
				Head in Mtrs	Flow in LPH
D4L-10T-4S08/05	1	110	5	20	8700
D4L-10T-4S05/09		110	9	30	5220
D4L-10T-4S02/14		110	14	50	3120
D4L-10T-4S02/18		110	18	70	2400
D4L-20T-6S09/03	2	160	3	20	12900
D4L-20T-4S08/07		160	7	30	9480
D4L-20T-4S05/16		160	16	50	5460
D4L-20T-4S03/22		160	22	70	3720
D4L-30T-6S30/03	3	230	3	20	24000
D4L-30T-6S17/04		230	4	30	17460
D4L-30T-4S08/14		230	14	50	9600
D4L-30T-4S05/24		230	24	70	5880
D4L-50T-6S46/03	5	380	3	20	43500
D4L-50T-6S30/04		380	4	30	25200
D4L-50T-6S09/07		380	7	50	16800
D4L-50T-6S09/10		380	10	70	13200
D4L-50T-4S05/33	7.5	380	33	100	7200
D6L-75T-6S46/04		300	4	30	42720
D6L-75T-6S30/07		300	7	50	22620
D6L-75T-6S17/11		300	11	70	20340
D6L-75T-6S09/14	10	300	14	100	16800
D6L-100T-6S60/03		380	3	20	72000
D6L-100T-6S60/04		380	4	30	50700
D6L-100T-6S30/08		380	8	50	42000
D6L-100T-6S17/14		380	14	70	21600
D6L-100T-6S09/16		380	16	100	18000

SURFACE PUMP DC Peripheral pump

Model	Pump Size	Power	Voltage	Max. Suc (m)	Max. Head (m)	Max. Flow (m³/h)
DAP-03	1" X 1"	400Watts	48	8	40	2.2

SELF PRIMING SS JET PUMPS



Specification

Power	0.5 to 1.5 HP
Speed	2900rpm
Versions	1Ph 230V, 50Hz (PSC) Inbuilt with T.O.P 3Ph 380-415V, 50Hz
Duty	S1 (Continuous)
Protection	IP 54
Insulation Class	B
Head Range	10 to 40m
Flow Range	9 to 62lpm

Operating Conditions

Suction Lift	upto 7m
Max. Liquid Temp.	50°C
Max. Ambient Temp.	40°C

Materials of Construction

Pump Casing	SS 304
Motor Body	Aluminium
Impeller	SS 304
Shaft	SS 304
Mechanical Seal	Carbon Ceramic
Bearing	Double Shielded Ball Bearing

Applications

Residential	Industrial Water Supply
Irrigation	Food Processing Industries
Small Farms	Washing Systems
Pressure Boosting Units	

Performance Table

Model	HP	kW	Pump Size (mm)		Head in meter						
					10	15	20	25	30	35	40
JS-2-03S/T	0.5	0.37	25x25	Discharge in lpm	42	38	30	19			
JS-3-05S/T	0.75	0.55	25x25			55	49	37	21	9	
JS-3-07S/T	1	0.75	25x25			60	54	45	33	16	
JS-3-11S/T	1.5	1.1	25x25			62	59	50	42	27	14

* Model name ends with S - 1Ph & T - 3Ph

SELF PRIMING JET PUMPS



Specification

Power	0.5 to 1.5 HP
Speed	2900rpm
Versions	1Ph 230V, 50Hz (PSC) Inbuilt with T.O.P 3Ph 380-415V, 50Hz
Duty	S1 (Continuous)
Protection	IP 54
Insulation Class	B
Head Range	10 to 40m
Flow Range	8 to 68lpm

Operating Conditions

Suction Lift	upto 7m
Max. Liquid Temp.	50°C
Max. Ambient Temp.	40°C

Materials of Construction

Pump Casing	Cast Iron
Motor Body	Aluminium
Impeller	Brass
Shaft	SS 304
Mechanical Seal	Carbon Ceramic
Bearing	Double Shielded Ball Bearing

Applications

Residential	Industrial Water Supply
Irrigation	Food Processing Industries
Small Farms	Washing Systems
Pressure Boosting Units	

Performance Table

Model	HP	kW	Pump Size (mm)		Discharge in m³/h						
					0	1	2	3	4	5	5.5
JB-2/03	0.5	0.37	25x25	Head in meter	38	24	15	5(2.6m³/h)			
JB-3/05	0.75	0.55	25x25		40	30	24	18	10(3.5m³/h)		
JB-3/07	1	0.75	25x25		45	37	33	28	20		
JB-4/11	1.5	1.1	32x25		49	42	38	33	27	20(4.4m³/h)	
JB-4/15	2	1.5	32x25		60	52	47	43	37	32	20

* Model name ends with S - 1Ph & T - 3Ph

DEEP WELL JET PUMPS



Specification

Power	0.5 to 1.5 HP
Speed	2900rpm
Version	1Ph 230V, 50Hz
Duty	S1 (Continuous)
Protection	IP44
Insulation Class	B
Head range	12 to 70m
Flow range	7 to 40lpm

Materials of Construction

Pump Casing	Cast Iron
Motor Body	Cast Iron / Aluminium
Impeller	Cast iron / Brass
Shaft	SS 410
Bearing	Double Sealed Ball Bearing

Operating Conditions

Suction Lift	upto 18m
Max. Liquid Temp.	50°C
Max. Ambient Temp.	40°C

Applications

Residential	Borewell Pumping
Farms	
Gardens	

Performance Table

Model	HP	kW	Phase	Pump Size (mm)		Head in meter												
						10	14	18	22	26	30	34	38	42	46	50	60	70
JDW-5AB	0.5	0.37	1Ph	32x25	Discharge in lpm	45	35	25	17									
JDW-10AB	1	0.75	1Ph	32x25			28	24	20	16	14	12	11	10				
JDW-10AC	1	0.75	1Ph	32x25			28	24	20	16	14	12	11	10				
JDW-15AB	1.5	1.1	1Ph	32x25		34	30	27	24	21	19	17	15	13	10	8		
JDWD-10AB	1	0.75	1Ph	32x25					22	20	18	16	17	15	14	12		
JDWD-15AB	1.5	1.1	1Ph	32x25						26	24	23	21	21	18	16	14	12

Special Features



Precisely Balanced Impeller and Shaft



Double Shielded Ball Bearings



Perfectly Machined High Grade Cast Iron parts



Fitted with T.O.P



Integrated Quality Control Systems

SHALLOW WELL JET PUMPS



Specification

Power	0.5 & 1 HP
Speed	2900rpm
Version	1Ph 230V, 50Hz
Duty	S1 (Continuous)
Protection	IP 44
Insulation Class	B / F
Head Range	6 to 39m
Flow Range	4 to 48lpm

Materials of Construction

Pump Casing & Bracket	Cast Iron
Motor Body	Cast Iron / Aluminium
Impeller	Noryl / Cast iron
Shaft	SS410
Bearing	Double Sealed Ball Bearing

Operating Conditions

Suction Lift	upto 9 mtrs
Max. Liquid Temp.	50°C
Max. Ambient Temp.	40°C

Applications

Residential
Commercial Buildings
Gardens
Water Circulating Systems

Performance Table

Model	HP	kW	Phase	Pump Size (mm)		Head in meter						
						6	12	18	24	30	36	39
JSW-2/05S	0.5	0.37	1Ph	25 x 25	Discharge in lpm	45	43	40	25	5		
JSW-2/10S	1	0.75	1Ph	25 x 25		48	47	44	40	27	13	6
JSW-2/05S-C	0.5	0.37	1Ph	25 x 25			49	47	35	23		
JSW-2/10S-C	1	0.75	1Ph	25 x 25			52	50	45	35	25	

For Pumps with Cast Iron Impeller, the model name will start with "JSWC" Instead of "JSW"

Special Feature



Precisely Balanced Impeller and Shaft



Double Shielded Ball Bearings



Integrated Quality Control Systems



Dynamically Balanced CI / Noryl Impeller



Fitted with T.O.P

BOREWELL COMPRESSORS



ABC



AMC

Specification

Type	Mono & Borewell Compressor
Power	1 to 7.5 HP
Max Speed	1440rpm

Applications

Residential
Gardens
Civil Applications

Performance Table

Model	HP	kW	Phase	Pump Size (mm)		Lifting height	Pumping height	Head in Feet					
								100	150	200	300	400	600
AMC-10	0.75	1	1Ph	12x40	Discharge in lph	75%	25%	1500	1300	1150	1050	900	
						50%	50%	1900	1500	1300	1200	1000	
						25%	75%	3900	3000	2800	2400		
AMC-15	1.1	1.5	1Ph	12x40		75%	25%	1700	1500	1350	1250	1100	
						50%	50%	2100	1700	1500	1400	1200	
						25%	75%	4100	3200	3000	2600	-	
AMC-20	1.5	2	1Ph	12x40		75%	25%	1900	1700	1550	1350	1300	
						50%	50%	2300	1900	1700	1600	1400	
						25%	75%	4300	3400	3200	2800	-	
ABC-10	0.75	1	1Ph	12x40		75%	25%	1500	1300	1150	1050	900	
						50%	50%	1900	1500	1300	1200	1000	
						25%	75%	3900	3000	2800	2400	-	
ABC-15	1.1	1.5	1Ph	12x40		75%	25%	1700	1500	1350	1250	1100	
						50%	50%	2100	1700	1500	1400	1200	
						25%	75%	4100	3200	3000	2600	-	
ABC-20	1.5	2	1Ph	12x40		75%	25%	1900	1700	1550	1350	1300	
						50%	50%	2300	1900	1700	1600	1400	
						25%	75%	4300	3400	3200	2800	-	
ABC-20D	1.5	2	1Ph	12x40		75%	25%	3000	2800	2500	2000	1800	600
						50%	50%	3600	3000	2800	2400	2000	800
						25%	75%	8000	6200	5800	5400	4200	1800
ABC-20DH	1.5	2	1Ph	12x40		75%	25%	3100	2900	2600	2200	1900	700
						50%	50%	3700	3200	2900	2500	2100	850
						25%	75%	8500	6300	5900	5500	4300	1850
ABC-30D	2.2	3	3Ph	12x40		75%	25%	6000	5500	4500	3500	3000	1500
						50%	50%	7500	6500	5500	4500	3500	3000
						25%	75%	18000	14000	13000	12000	11000	9000
ABC-50D	3.7	5	3Ph	20x50		75%	25%	7500	7000	6000	5000	4500	3000
					50%	50%	9000	8000	7000	6000	5000	4500	
					25%	75%	20000	16000	15000	14000	13000	11000	
ABC-50DH	3.7	5	3Ph	20x50	75%	25%	8500	8000	7000	6000	5500	4000	
					50%	50%	10000	9000	8000	7000	6000	5500	
					25%	75%	21000	17000	16000	15000	14000	12000	
ABC-75D	5.5	7.5	3Ph	20x50	75%	25%	11000	10500	9000	8000	7000	5000	
					50%	50%	14000	12000	10000	8500	7500	6000	
					25%	75%	30000	24000	22000	20000	20000	18000	
ABC-100D	7.5	10	3Ph	20x60	75%	25%	15000	14000	12500	10000	9500	8000	
					50%	50%	18000	15000	13000	11000	10000	9000	
					25%	75%	40000	31000	29000	27000	27000	21000	

SWIMMING POOL PUMPS



Specification

Power	1 to 3 HP
Speed	2900rpm
Version	1Ph 230V , 50Hz 3Ph 380V , 50Hz
Duty	S1 (Continuous)
Protection	IP55
Insulation Class	F
Head Range	4 to 18m
Flow range	125 to 515lpm

Materials of Construction

Pump Body	Polypropylene + Glass Fiber
Motor Body	Aluminium
Impeller	Modified PPO >20 % GFN
Diffuser	Modified PPO >20 % GFN
Shaft	SS + Carbonsteel
Mechanical seal	Carbon/Ceramic/NBR

Operating Conditions

Max. Liquid Temp.	Up to 50° C
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Application

Recirculation & Filtering water from swimming pool
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Performance Table

Model	HP	kW	Pump Size (mm)			Head in meter						
						4	6	8	10	12	16	18
Simpo-10S	1	0.75	70x70	Discharge in lpm		325	295	250	185	125		
Simpo-15S	1.5	1.1	70x70				370	340	300	255	130	
Simpo-20S	2	1.5	70x70				450	425	380	350	230	155
Simpo-30S	3	2.2	70x70					515	480	430	340	230

* Model name ends with S - 1Ph & T - 3Ph



HOT WATER CIRCULATORY PUMPS

BlaZy

S E R I E S

Hot Water Circulatory Pumps



Specification

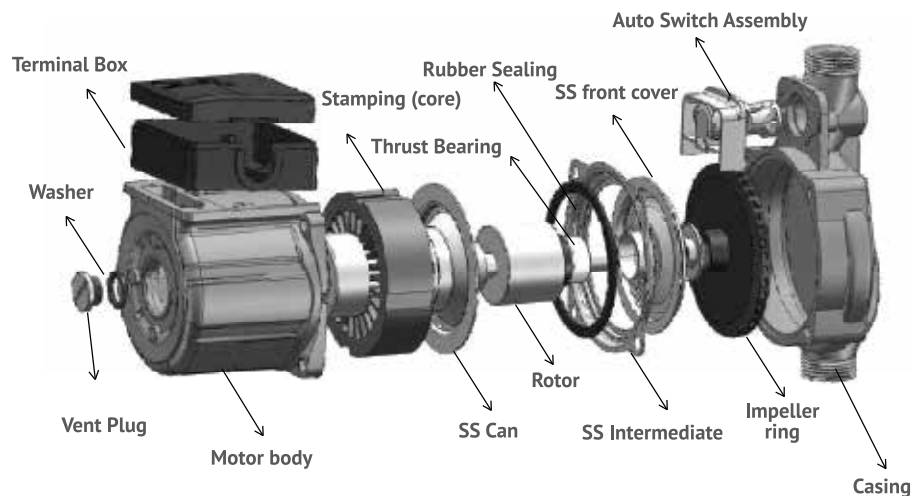
Power	38 to 1100 watts
Version	1Ph 230V, 50Hz
Degree of Protection	IP 44
Insulation Class	F
Mounting position	Horizontal
Head Range	3 to 20mtr
Flow Range	10 to 385lpm

Operating Conditions

Max. Liquid Temp.	-5°C to 110°C
Max. Ambient Temp.	40°C
Max. Operating Pressure	10bar
Maximum humidity	95%
Minimum Inlet Pressure	

Minimum inlet Pressure at suction port	
At + 85°C	0.5 bar (up to 300m msl)
At + 95°C	0.3 bar (up to 300m msl)
At +110°C	1 bar (up to 300m msl)

Exploded view



Material of Construction

Casing	Cast Iron
Impeller	Composite PP
Shaft	Ceramic
Motor Body	Al. Die Casting
Thrust Bearing	Graphite Carbon & Ceramic
Terminal Box / Cover	Composite PPE / PS
'O' ring	EPDM Rubber
Vent Plug	Brass
Bearing Plate	Stainless Steel
Intermediate ring	Stainless Steel

Applications

Domestic Heating Systems
Air conditioning systems
Industrial hot water circulatory systems

HOT WATER CIRCULATORY PUMPS

BlaZy

S E R I E S

Hot Water Circulatory Pumps

Performance Table

Model	Power in W			Max Head in m			Max Flow in lpm			Amps (A)			Cap. µF	Pipe size (mm)	Port to Port (mm)	I/O	Wt in kg
	H	M	L	H	M	L	H	M	L	H	M	L					
CR15-4/72	72	53	38	4.5	4	3	42	34	23	0.33	0.24	0.17	2.5	15	130	1"	2.2
CR25-4/72	72	53	38	4.5	4	3	48	36	18	0.33	0.24	0.17	2.5	25	130	1½"	2.4
CR25-4/72	72	53	38	4.5	4	3	48	36	18	0.33	0.24	0.17	2.5	25	180	1½"	2.4
CR32-4/72	72	53	38	4.5	4	3	48	36	18	0.33	0.24	0.17	2.5	32	180	2"	2.4
CR15-6/93	93	67	46	6	5	3	48	35	21	0.42	0.3	0.21	3	15	130	1"	2.2
CR20-6/93	93	67	46	6	5	3	55	38	22	0.42	0.3	0.21	3	20	130	1¼"	2.3
CR25-6/93F	93	67	46	6	5	3	55	38	22	0.42	0.3	0.21	3	25	166	1½"	2.6
CR25-6/93	93	67	46	6	5	3	55	38	22	0.42	0.3	0.21	3	25	130	1½"	2.4
CR25-6/93	93	67	46	6	5	3	55	38	22	0.42	0.3	0.21	3	25	180	1½"	2.4
CR32-6/93	93	67	46	6	5	3	55	38	22	0.42	0.3	0.21	3	32	180	2"	2.5
CR25-7/135	135	93	67	7	6.5	4.5	65	44	22	0.61	0.42	0.3	4	25	180	1½"	2.8
CR32-7/135	135	93	67	7	6.5	4.5	65	44	22	0.61	0.42	0.3	4	32	180	2"	2.8
CR15-8/165	165	115	75	8	7	5	65	42	22	0.75	0.52	0.34	4	15	180	1"	3.3
CR25-8/165	165	115	75	8	7	5	80	48	25	0.75	0.52	0.34	4	25	180	1½"	3.4
CR25-8/182	182	170	145	8	7.5	7	88	77	42	0.83	0.77	0.66	6	25	180	1½"	3.8
CR20-11/165	165	115	75	11	7	3.4	35	20	10	0.75	0.52	0.34	4	20	180	1"	3.8
CR20-12/245	245	220	145	12	11	7	52	32	22	1.11	1	0.66	6	20	180	1"	4.2
CR25-12/245	245	220	145	12	11	7	52	32	22	1.11	1	0.66	6	25	180	1½"	4.5
CR25-14/270	270	210	150	14	13	10	68	46	28	1.23	0.95	0.68	8	25	180	1½"	4.9
CR32-8/270	270	210	150	8	7.5	6.5	160	103	43	1.23	0.95	0.68	8	32	190	2"	5
CR40-8/270F	270	220	150	8	7.5	6.5	160	103	43	1.23	0.95	0.68	8	40	200	2"	5.9
CR32-11/400	400			11			126			1.81			8	32	225	2"	7
CR40-12/550F	550			12			200			2.5			12	40	225	2"	11
CR40-17/750F	750			17			310			3.4			15	40	250	2"	17
CR40-20/A10F	1100			20			385			5			22	40	250	2"	19

HI-PRESSURE WASHER PUMPS



Specification

Power	1.5kW
Speed	2900 RPM
Version	1Ph - 230V, 50Hz
Duty	S1 (Continuous)
Protection	IP 44
Insulation Class	B
Flow Range	6 LPM

Materials of Construction

Pump Housing	Aluminium
Motor Housing	Aluminium
Outer Cover	Polypropylene

Operating Conditions

Max. Liquid Temperature	40° C
Max. Ambient Temperature	40° C

Applications

Car & Two wheeler wash
Floor & Wall cleaning

Special Features

Induction copper wire motor
Light weight & Compact
Easy to operate
Delivers High Pressure
Adjustable Pressure
Hose fitted with filter

Model	JetMatic-140L	JetMatic-140
Max. Pressure	140 bar	140 bar
Working Pressure	90 bar	90 bar
Flow	6 lpm	6 lpm
Motor Type	Induction Copper Wire	Induction Copper Wire
Delivery Hose Length	6mtr	6mtr
Power Cable Length	5mtr	3mtr
Soap Dispensar	Available	Not Available
Crystal Filter	Available	Available
Wheel	Available	Not Available
Weight	14kg	12kg



MINI WASTE WATER PUMPS (for clear water)



3 in 1 Multi Purpose Utility Pump



Specification

Power	0.55 to 1 HP
Speed	2900 rpm
Version	1Ph 230V , 50Hz
Duty	S1 (Continuous)
Insulation Class	F Class
Protection	IP 68
Cable	H05RN-F / H07RN-F 3 Core Round Sub. Cable, 10m length

Materials of Construction

Pump Body	PP + GF
Motor Housing	PP + GF
Impeller	Noryl
Shaft	SS

Operating Conditions

Max. Liquid Temp.	40°C
Max. Immersion Depth	7m
Allowable Solid Particles	25mm

Applications

Dewatering
Gardening

Features

Made of Corrosion resistance thermoplastic material for long lasting
Designed to suit various applications like flooded basement, window wells, Utility, sump cleaning, Aquariums, water beds, spas, etc.
Equipped with Float switch for auto ON – OFF, based on water level in sump, which also protects pump from dry run.
Multipurpose replaceable pump base for Sewage (with solid particles upto 25mm) and Drainage purpose. Also can be used without pump base to draw water down to 1mm.
Light weight, Easy to Handle & trouble free operation.

Performance Table

Models	Power (watts)	Outlet Size (mm)		Head in meter						
				1	2	3	4	5	6	7
ZINGO-05	400	32	Discharge in lpm	156	130	102	68	40		
ZINGO-10	750	32		264	240	210	182	152	118	73

SUBMERSIBLE SEWAGE PUMPS



Specification

	SenDra Series	SenDra-H Series
Power	0.5 to 3 HP	2 to 10 HP
Speed	2900rpm	2900rpm
Version	1Ph 230V, 50Hz 3Ph 380V, 50Hz	3Ph 380V, 50Hz
Duty	S1 (Continuous)	S1 (Continuous)
Protection	IP68	IP68
Insulation Class	F	F
Head Range	3 to 20m	6 to 27m
Flow Range	16 to 463lpm	150 to 1693lpm

Materials of Construction

	SenDra Series	SenDra-H Series
Pump Body	Cast Iron	Cast Iron
Motor Body	SS 304	Cast Iron
Impeller	Cast Iron	Cast Iron
Shaft	Carbon Steel	Carbon Steel
Mechanical Seal	Carbon Ceramic	Sic / Hard Alloy
Cable	8 mtr H07RN-F	8 mtr H07RN-F

Operating Conditions

Max. Liquid Temp 50°C

Applications

Sewage treatment plants Mines & Civil construction
Industrial Dewatering

Performance Table- SenDra Series

Model	HP	kW	Outlet Size (mm)	Solid Size (mm)		Head in meter								
						3	4	6	8	10	12	14	16	18
CSV-10/C07	1	0.75	40	15	Discharge in lpm	287	275	217	163	108				
CSV-10/D07	1	0.75	50	15		388	387	310	245	170	92			
CSV-13/11	1.5	1.1	50	25		402	398	331	282	203	125	63		
CSV-15/15	2	1.5	50	25		463	442	402	353	295	248	170	108	63

Model	HP	kW	Outlet Size (mm)	Solid Size (mm)		Head in meter									
						5	6	7	8	10	12	14	16	18	20
SV-06/D03	0.5	0.37	25	15	Discharge in lpm	66	43	28	16						
SV-10/D07	1	0.75	50	25			300	260	225	170	50				
SV-13/D11	1.5	1.1	50	30			430	410	390	330	250	170	80		
SV-15/D15	2	1.5	50	30						310	292	255	220	146	73

Performance Table- SenDra-H Series

Model	HP	kW	Outlet Size (mm)	Solid Size (mm)		Head in meter									
						5	6	7	8	10	12	14	16	18	20
SD-20/F22	3	2.2	80	15	Discharge in lpm	664	581	498	430	332	207				
SD-25/F22	3	2.2	80	15			751	680	597	514	415	348	150		
SD-45/F37	5.5	4	80	25				1180	1130	1012	921	796	531	300	
SD-45/G40	5.5	4	100	25				1411	1170	1080	970	830	581	332	
SD-65/G55	7.5	5.5	100	25				1495	1411	1261	1130	996	747	415	
SD-A0/G75	10	7.5	100	30					1693	1593	1394	1195	896	597	332

* Model name with S - 1Ph & T - 3Ph

* Float switch is available only for 1Ph

WASTE WATER PUMPS WITH CUTTER



Specification

Power	1 to 7.5 HP
Speed	2900 rpm
Version	1Ph 230V, 50Hz 3Ph 380V, 50Hz
Duty	S1 (Continuous)
Protection	IP68
Insulation Class	F
Head Range	6 to 27 m
Flow Range	30 to 1693 lpm

Materials of Construction

Pump Casing	Cast Iron
Motor Housing	SS / CI
Impeller	High Chrome
Shaft	SS / Carbon Steel
Cutter Blade	SS
Mechanical Seal	Graphite - Silicon Carbide
Cable	8 mtr H07RNF

Operating Conditions

Max. Liquid Temp. 50°C

Applications

Waste Water treatment plant
Medical waste disposal
Industrial waste disposal

Performance Table

Model	HP	kW	Outlet Size(mm)		Head in meter									
					6	8	10	12	14	16	18	21	24	27
SC-06/D03	0.5	0.37	50	Discharge in lpm	133	50								
SC-10/D07	1	0.75	50		240	175	120	30						
SC-12/D11	1.5	1.1	50		280	230	165	115						
SC-15/D15	2	1.5	50				340	280	215	130				
SC-25/F22	3	2.2	80			751	680	597	514	415	348	150		
SC-45/F30	4	3	80			796	733	647	547	440	350	150		
SC-65/F37	5	3.7	80				1180	1130	1012	921	796	531	300	
SC-65/G40	5.5	4	100				1411	1170	1080	970	830	581	332	
SC-65/G55	7.5	5.5	100				1495	1411	1261	1130	996	747	415	
SC-A0/G75	10	7.5	100					1693	1593	1394	1195	896	597	332

* Model name ends with S - 1Ph & T - 3 Ph

WASTE WATER SUBMERSIBLE PUMPS



Materials of Construction

Pump Casing	Cast Iron
Motor Housing	Cast Iron
Impeller	Cast Iron
Shaft	SS410
Seal	Silicon / Silicon & Carbon Silicon
Cable	8 mtr H07RN-F

Applications

Waste water treatment plants
Industrail dewatering
Pumping municipal sewage water

- Heavy Duty Cast Iron Two/ Single Vane Non-Clog Semi Open Impeller to pass large size of solids with better efficiency
- Heavy Duty Cast Iron Volute type casing for maximum efficiency
- Designed for continuous operation
- Heavy Duty Motor design ensure better life and sturdiness
- Motors are supplied with Temp. Sensors in winding & Moisture Sensors in oil chamber
- Portable/ Fixed Installation.



Model	Power		Outlet Size (mm)	Solid Size (mm)		Head in meter											
	HP	kW				2	4	6	8	10	12	14	16	18	20	22	24
BloRa I-20DT	2	1.5	50	30	Discharge in lpm	570	480	390	300	200	70						
BloRa I-30DT	3	2.2	50	30		650	600	530	460	400	300	200	150				
BloRa I-50DT	5	3.7	50	30			800	750	690	650	590	450	400	375	290	180	60
BloRa II-75ET	7.5	5.5	65	30		1150	1080	1025	960	900	840	680	680	540	490	350	210
BloRa II-100ET	10	7.5	65	30		1330	1270	1200	1125	1080	1000	830	830	750	670	580	480

Model	Power		Outlet Size (mm)	Solid Size (mm)		Head in meter													
	HP	kW				2	4	6	8	12	16	20	24	28	32	36	40	45	
BloRa I-30GT	3	2.2	100	85	Discharge in lpm	1410	1260	1050	800										
BloRa I-50GT	5	3.7	100	85		1800	1650	1500	1320	800	120								
BloRa I-75FT	7.5	5.5	80	60				1410	1335	1155	915	600							
BloRa I-75GT	7.5	5.5	100	85				2125	1900	1250	400								
BloRa II-100FT	10	7.5	80	60				1590	1500	1350	1140	900	600	150					
BloRa I-100GT	10	7.5	100	85			2600	2475	2325	1800	750								
BloRa I-125FT	12.5	9.2	80	60					1800	1600	1440	1240	1000	700	280				
BloRa II-125GT	12.5	9.2	100	85				3375	3187	2963	2400	1500	300						
BloRa II-150GT	15	11	100	85				3750	3550	3300	2700	1950	900						
BloRa I-150GT	15	11	100	60					2000	1825	1600	1350	1000	250					
BloRa I-200GT	20	15	100	60					2250	2100	1975	1800	1575	1200	550				
BloRa I-250GT	25	18.5	100	60					2640	2580	2460	2280	2100	1860	1560	1200	780		
BloRa I-300GT	30	22	100	60					2940	2880	2760	2580	2400	2160	1920	1600	1200		
BloRa I-350GT	35	26	100	60					3225	3150	3000	2850	2700	2475	2250	2025	1725		

Model	Power		Outlet Size (mm)	Solid Size (mm)		Head in meter													
	HP	kW				4	6	8	12	16	20	25	30	35	40	45	50	55	
BloRa I-125IT	12.5	9.3	150	100	Discharge in lpm	4200	3700	3150	1800										
BloRa I-150IT	15	11	150	100		5187	4750	4350	3000	1250									
BloRa I-200IT	20	15	150	100		6000	5625	5125	4100	3000	1625								
BloRa I-250IT	25	18.5	150	100			5437	5125	4375	3500	2250	575							
BloRa I-300IT	30	22	150	100			5937	5687	5062	4350	3125	1600							
BloRa I-350IT	35	26	150	100			6500	6250	5625	4875	4000	3000	1575						
BloRa I-400IT	40	30	150	100				6360	5780	5120	4400	3200	2000	700					
BloRa I-100IT	40	30	200	100				7250	6180	5010	3750	750							
BloRa I-500IT	50	37	150	100					6300	5840	5200	4400	3500	2400	1200				
BloRa III-500IT	50	37	200	100					8050	7290	6450	5250	3000						
BloRa III-600IT	60	45	150	100							6350	6000	5500	5000	4400	3800	3000	2250	1250

CONSTRUCTION DE-WATERING PUMPS



Specification

Power	1 to 50HP
Speed	2900rpm
Version	3Ph 380V, 50Hz
Duty	S1 (Continuous)
Protection	IP68
Insulation Class	F
Head Range	2 to 65m
Flow Range	65 to 7650lpm

Operating Conditions

Max. Liquid Temp	50°C
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Materials of Construction

Motor Body	SS 202
Cooling Jacket	SS 202
Shaft	SS 410
Impeller	Cast Iron
Seal	Tungsten Carbide vs Tungsten Carbide

Applications

- Building & Construction site
- Mining
- Power & Steel Plant
- Flood

Performance Table

Model	Power		Outlet Size (mm)	Solid Size (mm)		Head in meter								
	HP	kW				2	4	6	8	10	14	18	24	28
BloRaD I-10DT	1	0.75	50	12	Discharge in lpm	400	352	304	240	144				
BloRaD I-15DT	1.5	1.1	50	15		800	660	460	160					
BloRaD II-15DT	1.5	1.1	50	12		470	430	385	335	270	70			
BloRaD I-20DT	2	1.5	50	15		900	800	625	440					
BloRaD II-20DT	2	1.5	50	15		550	525	485	437	380	225			
BloRaD I-30DT	3	2.2	50	12			400	385	370	360	325	275	175	65
BloRaD I-30FT	3	2.2	75	15		950	880	800	700	600	370	120		
BloRaD I-50DT	5	3.7	50	12				750	720	690	650	580	480	270
BloRaD I-50FT	5	3.7	75	15			1100	1070	1050	1000	820	590		
BloRaD I-75FT	7.5	5.5	75	15			1375	1305	1250	1180	1045	875	500	170
BloRaD I-100FT	10	7.5	75	15			2400	2300	2200	2100	1875	1575	1000	500

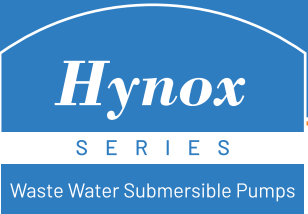
CONSTRUCTION DE-WATERING PUMPS



Model	Power		Outlet Size (mm)	Solid Size (mm)		Head in meter															
	HP	kW				4	8	12	16	20	24	28	32	36	40	45	50	55	60	65	
BloRaD -50GT	5	3.7	100	20	Discharge in lpm	2200	1760	920													
BloRaD -75GT	7.5	5.5	100	20		2400	2100	1400													
BloRaD -100GT	10	7.5	100	20		2400	2200	2000	1750	1400	1000	500									
BloRaD -125GT	12.5	9.3	100	20		2500	2350	2150	1950	1700	1400	1000	550								
BloRaD -150GT	15	11	100	20		2800	2600	2400	2175	1950	1700	1400	1100	750	350						
BloRaD -200GT	20	15	100	20			2640	2550	2400	2220	2040	1860	1620	1380	1080	660	180				
BloRaD -100IT	10	7.5	150	30		3900	3200	2000													
BloRaD -125IT	12.5	9.3	150	30		4500	3850	2800	1250												
BloRaD -150IT	15	11	150	30		4500	3950	3350	2600	1800	950										
BloRaD -200IT	20	15	150	30		5000	4500	4000	3400	2750	2000	1200	400								
BloRaD -250IT	25	18.5	150	25				3800	3500	3150	2800	2400	2000	1600	1100	450					
BloRaD -300IT	30	22	150	25				4000	3800	3500	3200	2800	2500	2100	1700	1100	500				
BloRaD -350IT	35	26	150	25				4400	4200	3900	3650	3300	3000	2600	2200	1650	1050	550			
BloRaD -400IT	40	30	150	35		7250	6050	6080	5350	4550	3190	2395									
BloRaD -500IT	50	37	150	35		8150	7875	6950	6200	5650	4850	4100	3387	2134	1334						
BloRaD II-400IT	40	30	150	30		4350	4080	3890	3710	3550	3370	3120	2880	2580	2300	1852	1350	600			
BloRaD II-500IT	50	37	150	30				4400	4220	4100	3990	3690	3505	3290	3050	2640	2350	1890	1400	700	

Model	Power		Outlet Size (mm)	Solid Size (mm)		Head in meter								
	HP	kW				6	8	10	12	14	16	18	20	24
BloRaD -250IT	25	18.5	200	35	Discharge in lpm	6750	6300	5925	5300	4500	3750	2550	1500	
BloRaD -300IT	30	22	200	35			7125	6750	6300	5700	5150	4125	3000	675
BloRaD -350IT	35	26	200	35			7650	7275	6900	6525	6000	5400	4725	3000

STAINLESS STEEL WASTE WATER PUMPS



Specification

Power	1 to 3 HP
Speed	2900 rpm
Version	1Ph 230V, 50Hz 3Ph 230V, 50Hz
Duty	S1 (Continuous)
Protection	IP68
Insulation Class	B Class
Head Range	1 to 12m
Flow Range	20 to 583lpm

Materials of Construction

Pump Casing	SS 304
Motor Housing	SS 304
Impeller	SS 304/Plastic
Shaft	SS 304
Mechanical Seal	Carbon Ceramic
Cable	10 mtr H07RNF

Operating Conditions

Max. Liquid Temp.	50°C
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Applications

Sewage treatment plants
Industrial Dewatering
Mines & Civil construction

Performance Table

Model	Power		Ph	Outlet Size (mm)	Solid Size (mm)		Head in meter																
	HP	kW					1	1.5	2	2.5	3	3.5	4	4.5	5	5.5	6	7	8	9	10	12	
Hynox-05NS	0.5	0.37	1Ph	40	5	Discharge In lpm	120	85	73	58	47	33	20										
Hynox-10NS	1	0.75	1Ph	40	5									195	175	160	140	122	76				
Hynox-15NS	1.5	1.1	1Ph	40	5									216	202	190	175	166	133	100			
Hynox-10	1	0.75	1Ph/3Ph	50	5									270	250	232	215	195	150	90			
Hynox-15	1.5	1.1	1Ph/3Ph	50	5													275	238	201	156	110	
Hynox-20	2	1.5	1Ph/3Ph	50	5															347	305	260	151
Hynox-30	3	2.2	1Ph/3Ph	80	5									583	560	540	525	500	470	433	380	333	200

SUBMERSIBLE SLURRY PUMP



Specification

Power	0.5 to 30HP
Speed	1450 RPM
Version	1Ph - 230V 3Ph - 380V
Duty	S1 (Continuous)
Insulation Class	F
Head Range	5 to 30m
Flow Range	50 to 5644 lpm

Materials of Construction

Pump Casing	Cast Iron
Motor Body	Cast Iron
Impeller	High Chrome Alloy
Shaft	SS304/ SS410
Seal	Sic-Sic / Sic-Sic

Operating Conditions

Max. Liquid Temp	40°C
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Applications

Construction
Mines & Quarries
Sewage treatment plants

Performance Table

Model	HP	kW	Outlet Size (mm)	Solid Size (mm)		Head in meter													
						5	6	7	8	10	12	14	16	20	22	24	26	28	30
RONDA-05	0.5	0.37	50	7	Discharge in lpm	130	120	110	100	50									
RONDA-10	1	0.75	50	7		220	210	200	190	160	120	100	50						
RONDA-55	5.5	4	80	30		1490	1360	1330	1195	996	660								
RONDA-80	8	6	100	30			1990	1820	1660	1490	1160	830							
RONDA-120	12	9	150	30				2820	2660	2407	2160	1826	1494						
RONDA-200	20	15	200	30					5310	4980	4650	3984	3320	1660					
RONDA-300	30	22	200	30					5644	5480	5310	4980	4650	3984	3650	3320	2660	1990	1330

SELF PRIMING MUD MONOBLOCK PUMPS



Specification

Power	0.5 to 10 HP
Speed	2880rpm / 1440rpm
Version	1Ph 230V, 50Hz 3Ph 380V, 50Hz
Duty	S1 (Continuous)
Insulation Class	B
Protection	IP 54
Head Range	3 to 33m
Flore Range	42 to 1834lpm

Materials of Construction

Pump Casing	Graded Cast Iron
Impeller (Non-Clog type)	Cast Iron / Bronze
Wear Plate	Stainless Steel
Shaft	Carbon Steel
Seal	Mechanical seal / Gland Packing
Integrated Non Return Valve	Nitrile Rubber with M.S. plate
Bracket	Graded Cast Iron
Base Frame	M.S. Fabricated

Operating Conditions

Max. Liquid Temp.	Up to 65°C
Max. Ambient Temp.	Up to 40°C
Solid Handling Capacity	upto 19mm

Applications

Effluent Treatment Plants
Thermal Power Plants
Civil Construction Sites
Swimming Pool Filtration

Performance Table

Model	HP	kW	Speed (rpm)	Solid Handling Size (mm)	Pump Size (mm)		Head in meter									
							3	6	9	12	15	18	20	25	30	33
Fango 0525	0.5	0.37	2800	5.5	25X25	Discharge In lpm	115	90	78							
Fango 1040	1.0	0.75	2800	7.0	40X40				264	235	150					
Fango 2050	2.0	1.5	2800	8.5	50X50			380	343	308	220	140	40			
Fango 3050	3.0	2.2	2800	11.0	50X50				500	470	395	350	290	120		
Fango 5080	5.0	3.7	2800	8.0	80X80							570	540	430	190	40
Fango 7580	7.5	5.5	2800	15.0	80X80							900	835	750	635	450
Fango 5080/4	5.0	3.7	1440	16.5	80X80				1110	1072	1035	922	810	750		
Fango 100100/4	10.0	7.5	1440	19.0	100X100								1834	1730	1510	1250

* Model name ends with S - 1Ph & T - 3Ph

NON CLOG SELF PRIMING MUD PUMPS



Specification

Power	1 to 25 HP
Speed	1450 / 2900rpm
Version	1Ph 230V, 50Hz 3Ph 380V, 50Hz
Duty	S1 (Continuous)
Insulation Class	B
Protection	IP 54
Head Range	4 to 35m
Flow Range	50 to 4150lpm

Materials of Construction

Pump Casing	Cast Iron
Impeller	Cast Iron / SS304 / SS316
Shaft	Carbon Steel
Seal	Mechanical Seal / Gland Packing

Operating Conditions

Max. Liquid Temp.	50°C
Suction lift	7.5 mtr
Solid Handling Capacity	40mm

Applications

Dewatering Sewage pits, Swamp, Trench & Basements
Effluent Treatment Plants, Swimming Pools
Mobile machinery - Cooling Water for Marine Engines & Shovels.
Construction Dewatering
Transfer of Oils, Spirits, Gasoline & Petroleum products
Public utilities - Sewage Pumping.

Performance Table

Model		Power		Pump Size (mm)	Solid Size (mm)		Discharge in lpm											
		HP	kW				50	100	150	200	250	300	400	500	600	750	1000	1250
Fango-J1032	ASM-32/110M	1	0.75	32	7.5	Head in mtr	15	14	12	9								
Fango-J1540	ASM-40/110M	1.5	1.1	40	12		16	15	14	13	12	10						
Fango-J2050	ASM-50/120MA	2	1.5	50	10		20	19	18	17	15	14	10					
Fango-J3050	ASM-50/120M	3	2.2	50	13			20	19	18	17	16	14	10				
Fango-J5065	ASM-65/120M	5	3.7	65	20					19	19	18	17	16	14	12	4	
--	ASM-80/140M	7.5	5.5	80	24						23	22	21	21	20	19	15	10
Fango-J7565	ASM-65/150M	7.5	5.5	65	11					29	28	27	25	23	21	16		
--	ASM-32/160M	3	2.2	32	6		32	29	24	19	10							
--	ASM-65/160M	7.5	5.5	65	12					35	35	34	32	31	29	23		

Model	Power		Pump Size (mm)	Solid Size (mm)		Discharge in lpm											
	HP	kW				330	500	660	830	1000	1330	1660	2000	2500	3320	4150	
ASM-80/21 OG	5	3.7	80	21	Head in mtr	13	12	12	11	11	9						
ASM-100/250G	10	7.5	100	26			17	16	16	15	14	13	9				
ASM-100/250G	12.5	9.2	100	26			17	16	16	15	14	12	9				
ASM-150/290GB	20	15	150	41					21	20	19	18	17	14	9		
ASM-150/290GN	25	18.5	150	25					22	22	21	21	20	19	16	12	

NON-CLOG SELF PRIMING PUMPS



Specification

Power1 to 60HP
Speed1450 rpm / 2900 rpm
Version3Ph-380V, 50Hz
DutyS1 (Continuous)
ProtectionIP68
Insulation ClassF
Head Range6 to 32 m
Flow Range (lpm)48 to 10560 lpm

Materials of Construction

Pump CasingCast Iron / SS 304 / SS 316 / Bronze
ImpellerCast Iron / SS 304 / SS 316 / Bronze
ShaftEN 8 / SS 410 / SS 316 / SS 304
Shaft SleeveSS 410 / SS 304 / SS 316
SealGland Packing / Mechanical seal

Operating Conditions

Max. Liquid Temp50°C

Applications

Civil Construction Site
Marine
Industry

Performance Table

Model		Power		Pump Size (mm)	Speed (rpm)	Solid Size (mm)		Head in meter												
		HP	kW					6	8	10	12	14	16	18	20	24	28	30	32	
Fango-K1040T	SURWA-H 40/10	1	0.75	40 x 40	2900	7	Discharge in lpm	270	240	204	156	90	48							
Fango-K2040T	SURWA-H 40/20	2	1.5	40 x 40	2900	8.5					372	330	282	234	162	84				
Fango-K3050T	SURWA-H 50/30	3	2.2	50 x 50	2900	10.5					552	522	486	432	384	318	84			
Fango-K5080T-4	SURWA-H 80/50-4	5	3.7	80 x 80	1450	7					1080	972	816	612	330					
Fango-K5080T	SURWA-H 80/50	5	3.7	80 x 80	2900	15.5										600	444	312	216	108
Fango-K7580T	SURWA-H 80/75	7.5	5.5	80 x 80	2900	14.5										1020	888	750	636	492
	SURWA-H 100/100-4	10	7.5	100 x 100	1450	18.5					2154	2034	1890	1680	1428	720				
	SURWA-H 100/125-4	12.5	9.3	100 x 100	1450	23					2484	2358	2202	2028	1824	1584	840			
	SURWA-H 150/200-4	20	15	150 x 150	1450	34					3972	3798	3570	3276	2970	2556				
	SURWA-H 150/250-4	25	18.5	150 x 150	1450	40					4494	4332	4116	3834	3504	3126	1644			
	SURWA-H 200/600-4	60	45	200 x 200	1450	50							10560	10080	9600	8940	4800			

NON CLOG SELF PRIMING CENTRIFUGAL PUMPS



Specification

Power1 to 125 HP
Speed650 to 2900rpm
Version3Ph-380V, 50Hz
DutyS1 (Continuous)
ProtectionIP68
Head Range4 to 62m
Flow Range41 to 21248lpm

Materials of Construction

Pump CasingCast Iron
ImpellerDuctile Iron
Shaft40 Cr Alloy Steel
Shaft sleeve40 Cr Alloy Steel
SealGland Packing / Mechanical seal
Replaceable wear plateCarbon Steel
Removable cover plateCast Iron
Seal plateCast Iron

Operating Conditions

Max. Liquid Temp.40°C
Suction lift7.6 mtr
Solid Handling Capacity76.2mm

Applications

Industrial & Sewage applications
Municipal Sewage Water
Construction, Mining and Industrial
Dewatering
Portable Dewatering

Impeller Type	Open Double Channel Impeller							Semi open Multi Channel Impeller		
Model	ESD-50D	ESD-80D	ESD-100D	ESD-150D	ESD-200D	ESD-250D	ESD-300D	ESD-80M	ESD-100M	ESD-150M
Pump Size	2"x 2"	3"x 3"	4"x 4"	6"x 6"	8"x 8"	10"x 10"	12"x 12"	3"x 3"	4"x 4"	6" x 6"
Head Range (m)	4-36	2-35	2-36	2-33	4-34	3-39	5-44	6-62	6-59	6-59
Flow Range (lpm)	120-780	41-1760	250-2705	200-5478	664-9960	913-12948	1660-21248	133-1411	266-2440	598-5080
Speed (rpm)	1150-2900	650 - 2150	650-1950	650-1550	650-1350	650-1450	650-1250	850-2150	850-2150	850-1950
Power Range (HP)	1-10	1-20	1-30	2-40	7.5 - 75	10-100	20-125	1.5-25	3-40	5-75
Solid Passage (mm)	44.45	63.5	76.2	76.2	76.2	76.2	76.2	20	28	31
Max. Suction Lift (m)	7.6	7.6	7.6	7.6	7	6.7	4.9	7.6	5.2	4.5

END SUCTION CENTRIFUGAL PUMPS

RADIAL FLOW



Specification

Power upto 150HP
Speed 2900 / 1450 / 970rpm
Head Range Upto 150 mtr
Flow Range Upto 9130lpm

Operating Conditions

Max. Liquid Temp. 40°C
Suction lift 7.6 mtr

Material of Construction

Model	Type - C	Type - B	Type - S
Pump casing	Cast iron	Cast iron	SS 304
Impellers	Cast iron	Zinc Free Bronze	SS 304
Shaft	EN-8	EN-8	SS 304/316
Sleeve	SS 410	SS 410	SS 410
Seal	Gland Packing / Mechanical seal	Gland Packing / Mechanical seal	Gland Packing / Mechanical seal

ESAR

S E R I E S

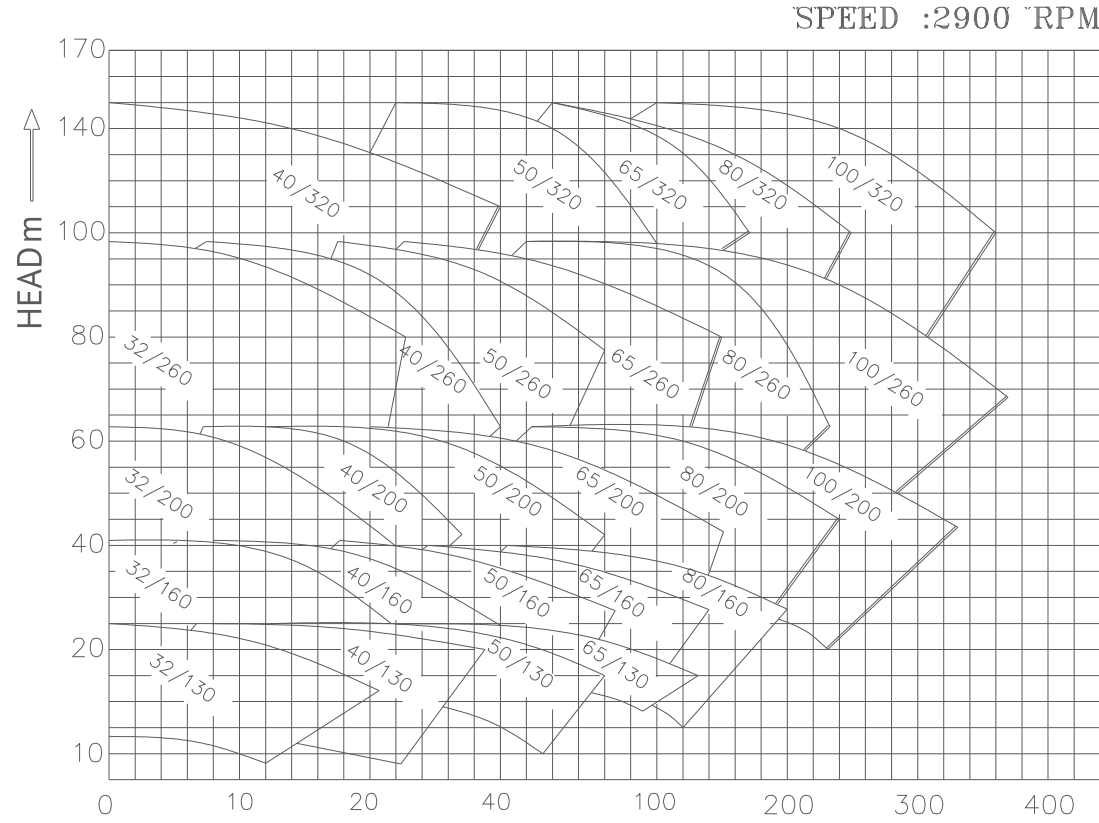
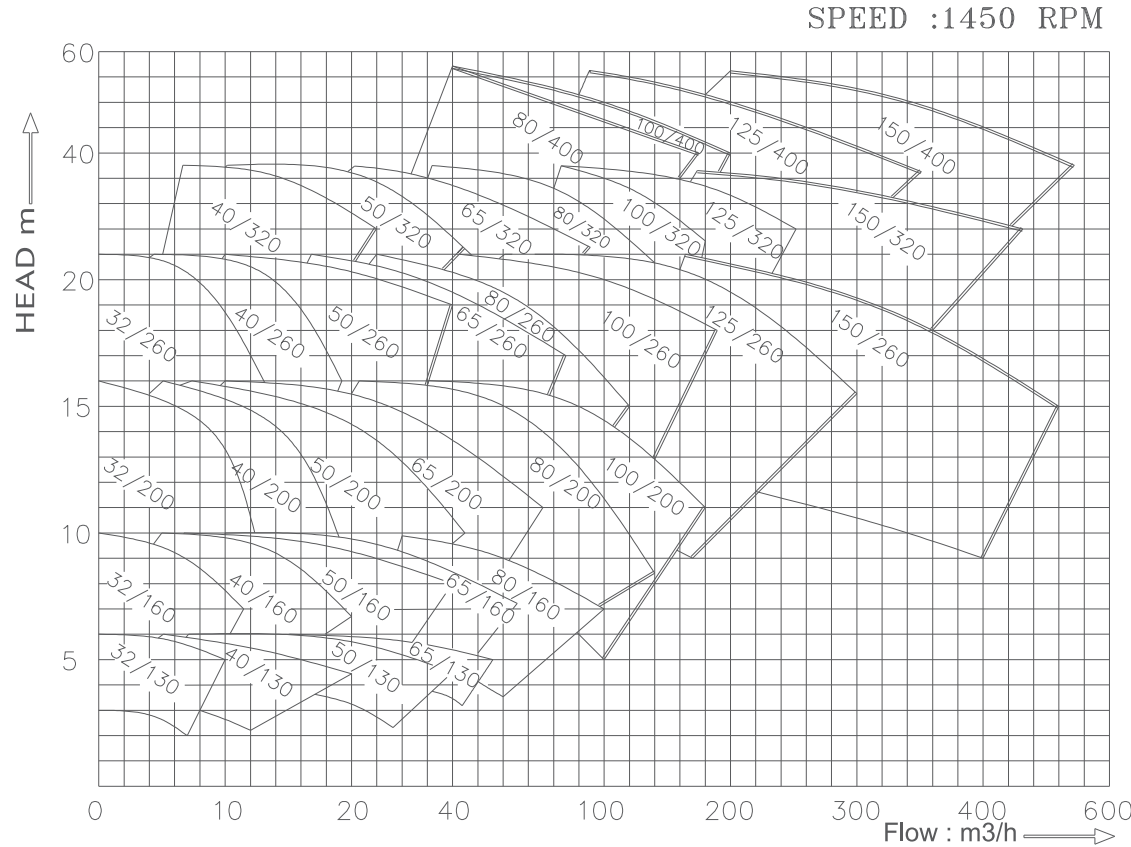
End Suction Pumps (RF)

ESAR

S E R I E S

End Suction Pumps (RF)

Performance Curve



END SUCTION CENTRIFUGAL PUMPS

MIXED FLOW



Specification

Power	upto 250HP
Speed	2900/1450/970/720rpm
Head Range	Upto 45 mtr
Flow Range	Upto 59760lpm

Applications

- Water supply
- Irrigation
- Pressure boosting
- Fire protection
- Heating and air conditioning systems
- Circulation and transfer of clean, chemically non-aggressive water and liquids
- General industrial services
- Water supply to swimming pool, fountains.
- Dewatering
- Pumping sea water
- Sugar Industry

Material of Construction

Model	Type - C	Type - B	Type - S
Volute Casting	C.I	C.I	SS 304
Stuffing box	C.I	C.I	SS 304
Gland	C.I	C.I	SS 304
Suction Cover	C.I	C.I	SS 304
impeller	C.I	BRONZE	SS 304
Pump Shaft	BS 970 En-8	BS 970 En-8	SS 304/316
Shaft Sleeve	SS 410	SS 410	SS 410
Lantern Ring		BS 970 En-8	
Gland Packing		TIGA	
Fasteners		BS 970 En-8	
C.I : IS 210 FG 200		BRONZE: IS 318Gr.2	
AISI 410 : Bar stock Stainless Steel ASTM A.743 Type 410			

WELLPOINT DE-WATERING PUMPS



Specification

Model	WPD-100/260	WPD-150/260	WPD-200/260	WPD-300/340
Power	Upto 15HP	Upto 25HP	Upto 40HP	Upto 110HP
Capacity	Upto 115 m³/h	Upto 300 m³/h	Upto 560 m³/h	Upto 1200 m³/h
Pump Head Range	Upto 24 m	Upto 24 m	Upto 22 m	Upto 30 m
Pump Size	100 x 100	150 x 150	200 x 200	300 x 300
Speed	1450 rpm	1450 rpm	1450 rpm	1450 rpm
Max. Operating Pressure	16 kg/cm²	16 kg/cm²	16 kg/cm²	16 kg/cm²
Max. Liquid Temperature	60°C	60°C	60°C	60°C
Max. Solid Passage Size	12mm	20mm	22mm	25mm
Fuel Tank Capacity	150 Litre	150 Litre	150 Litre	150 Litre

MATERIALS OF CONSTRUCTION

PART NAME	MATERIAL
Casing	Graded Cast iron (Optional: Cast steel, SS 304, SS 315, CD4MCU)
Impeller	SS 304 (Optional : Bronze, SS 316, CD4MCU)
Wear Ring	Graded Cast Iron (Optional: Cast Steel, SS 304, SS 316, CD4MCU)
Shaft	SS 304
Shaft Sleeve	SS 304
Bearing Housing	Graded Cast Iron
Bearing Lubrication	Grease
Mechanical Seal	Silicon / Tungsten Carbide
Chassis / Fuel Tank	Carbon Steel
Non Return Valve	Nitrile Rubber

Applications

- Construction, mining and industrial dewatering
- Agriculture and residential waste water

IN-LINE SINGLE STAGE VERTICAL PUMPS

IS

S E R I E S

In-line Single Stage
Vertical Pumps



Specification

Power	1.1 to 132kW
Speed	2900 & 1450 rpm
Protection	IP 55 / IP 54
Insulation Class	F / B
Head Range	9 to 83m
Flow Range	8 to 630m ³ /h
Outlet Size	Upto 250mm

Operating Conditions

Max. Ambient Temp.	40°C
Max. Liquid Temp.	80°C
Permissible Pressure	16 Mpa

Material of Construction

Casing	Cast Iron / SS 304
Impeller	Cast Iron / SS 304 / Bronze
Shaft	EN8 / SS 304 / SS 420
Shaft Sleeve	SS 304 / SS 420
Sealing	Mechanical Seal

Applications

Industrial Water Supply	Washing systems
HVAC System	Cooling Tower
Boiler Feed	

HORIZONTAL MULTISTAGE PUMPS

AHM

S E R I E S

HORIZONTAL MULTISTAGE PUMPS



Specification

Power	Upto 1120kW
Speed	2900 & 1450rpm
Protection	IP 55 / IP 54
Insulation Class	F / B
Head Range	33 to 1056m
Flow Range	6 to 850m ³ /h
Outlet Size	upto 250mm

Material of Construction

Casing	Cast Iron / SS 304 / SS 316 / Duplex steel
Impeller	Cast Iron / SS 304 / SS 316 / Bronze / Duplex steel
Shaft	EN8 / SS 304 / SS 420
Shaft Sleeve	SS 304 / SS 420
Sealing	Gland Packing / Mechanical Seal

Operating Conditions

Max. Ambient Temp	50°C
Max. Liquid Temp	80°C

Applications

General water supply	Boiler Feed
Various industrial applications	Fire Fighting systems
HVAC system	High rise building

HORIZONTAL SPLITCASE PUMPS

AHS

S E R I E S

Horizontal Splitcase Pumps



Specification

Power	3 to 3000kW
Speed	2900/1450/960/740 rpm
Protection	IP 55 / IP 54
Insulation Class	F / B
Head Range	7 to 200m
Flow Range	22 to 30000m ³ /h
Outlet Size	Upto 900mm

Operating Conditions

Max. Ambient Temp	50°C
Max. Liquid Temp	200°C
Permissible Pressure	5 Mpa

Material of Construction

Casing	Cast Iron
Impeller	Cast Iron / SS 304 / Bronze
Shaft	EN8 / SS 304 / SS 420
Shaft Sleeve	SS 304 / SS 420
Seal	Gland Packing / Mechanical Seal

Applications

Industrial Water Supply	Washing systems
HVAC System	Cooling Tower
Boiler Feed	

Induction Motor



Specification

Type	: Squirrel Cage Induction Motor - IE2 & IE3
Power Range	: 0.5HP to 3.0HP (1ph, 230V, 50Hz) : 0.5HP to 425HP (3ph, 380-415V, 50Hz)
Frame Size	: 63 to 355L
Speed	: 2900 / 1450 / 960 / 740 rpm
Version	: 1ph - CSR / CSCR : 3ph - DOL / SD
Insulation Class	: "B" / "F" Class
Protection	: IP 44 / IP 55
Duty	: S1 Continuous
Mounting	: Foot (B3) / Flange (B5) / Face (B14) / Foot cum Flange (B35) / Foot cum face (B34)
Direction of Rotation	: Bi-direction

CHEMICAL PROCESS PUMPS



Specification

Power	1 to 12.5HP
Speed	2900 / 1440rpm
Version	3Ph - 415V , 50Hz
Duty	S1 (Continuous)
Insulation Class	F / B
Protection	IP 55
Head Range	4 to 45m
Flow Range	8 to 913 lpm

Material of Construction

Volute Casing	PP/GRP/PVDF
Impeller	PP/GRP/PVDF
Back Plate	PP/GRP/PVDF
Seal	Gland Packing / Mechanical Seal
Shaft	SS / EN-9
Shaft Sleeve	GRP / Ceramic / Alloy-20
Bearing	Double Ball Bearing

Operating Conditions

Max. Ambient Temp.	40°C
Max. Liquid Temp.	120°C

Applications

Industrial Water Supply	Washing systems
HVAC System	Cooling Tower
Boiler Feed	

Performance Table-2900rpm

Model	Power		Outlet Size (mm)		Head in meter													
	HP	kW			4	6	8	9	10	15	18	20	23	25	30	35	40	45
APCX-100	1	0.75	25 x 25	Discharge In lpm	216	183	108	83	33									
APCX-120	2	1.5	40 x 32			340	291	266	241	83								
APCX-130	3	2.2	40 x 40				415	374	332	249	166	83						
APCX-160R	3	2.2	40 x 40						415	332	232	166	33					
APCX-160	5	3.7	75 x 40						581	498	398	332	232	166				
APCX-170	7.5	5.5	75 x 50						913	747	697	664	564	498	166			
APCX-40	12.5	9.3	50 x 40											664	581	498	415	166

Performance Table-1450rpm

Model	Power		Outlet Size (mm)		Head in meter										
	HP	kW			6	8	8.5	9	10	10.5	11	12	13	14	15
APCX-50R	2	1.5	40 x 40	Discharge In lpm		398	332	249	166	8					
APCX-50	3	2.2	75 x 40						531	481	415	249	83		
APCX-55	5	3.7	75 x 50		830	764	714	681	747	706	664	581	432	266	8

SEALLESS MAGNETIC DRIVE CHEMICAL PUMPS



Specification

Power	0.12 to 5HP
Version	1Ph 230V , 50Hz 3Ph 380-415V, 50Hz
Max. Flow	620lpm
Max. Head	34m

Material of Construction:

All Wetted parts in Poly Propylene Glass filled / Polyvinylidene Fluoride (PVDF)

Operating Conditions

upto 80°C (Poly Propylene Glass filled)
upto 100°C (Polyvinylidene Fluoride)

Applications

Highly Corrosive Chemicals
Plating Chemicals
Toxic & Fuming Liquids

Pump Model	Suction x Delivery Size	HP	Phase	Max. Capacity LPM	Max. Head Mtrs
APMD 15	14 x 14 mm Nozzle	0.12	Single	15	2.5
APMD 30	18x18 mm Nozzle	0.16	Single	30	4
APMD 50	20 x 20 mm Nozzle	0.25	Single/Three	50	5
APMD 85	26 x 26 mm Nozzle	0.5	Single/Three	85	9
APMD 125	26 x 26 mm Nozzle	0.75	Single/Three	125	12
APMD 170	1" x 1" BSP/Flanged	1	Single/Three	170	14
APMD 300	1 1/2" x 1 1/4" BSP/Flanged	1.5	Three	280	20
APMD 400	2" x 1 1/2" Flanged	2	Three	400	24
APMD 500	2" x 1 1/2" Flanged	3	Three	500	30
APMD 600	2 1/2" x 2" Flanged	5	Three	620	34

DAIRY PUMPS



Specification

Power	0.5 to 7.5HP
Speed	2900 RPM
Version	1Ph - 230V 3Ph - 380V
Insulation Class	F
Head Range	4 to 44m
Flow Range	50 to 1000 lpm

Material of Construction

Pump Casing	SS304 / SS 316
Motor Body	SS
Impeller	SS304 / SS 316
Shaft	SS304 / SS 316
Seal	Carbon vs SS316

Operating Conditions

Max. Liquid Temp	40°C
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Applications

Food Industry
Pharmaceutical Industry
Dairy Industry

Performance Table-2900rpm

Model	Power		Outlet Size (mm)		Head in meter														
	HP	kW			4	6	8	10	12	14	16	20	22	24	28	32	36	40	44
SANTA-05/40	0.5	0.37	40 x 40	Discharge In lpm		200	125	83											
SANTA-10/40	1	0.75	40 x 40		266	216	166	125	50										
SANTA-15/40	1.5	1.1	40 x 40			225	191	125	66										
SANTA-20/40	2	1.5	40 x 40			375	354	333	291	233	195								
SANTA-30/50	3	2.2	50 x 50						500	450	416	354	305	250					
SANTA-50/50	5	3.7	65 x 50						720	690	660	585	560	530	416	290	125		
SANTA-75/50	7.5	5.5	65 x 50								1000	906	860	810	720	626	545	440	
																		230	

CENTRIFUGAL PUMPS



Specification

Power	0.5 to 20HP
Speed	2900 RPM
Version	1Ph - 230V , 50Hz 3Ph - 415V , 50Hz
Degree of protection	IP 55
Class of insulation	F / B
Type of duty	S1 Continous duty
Head Range	4 to 76m
Flow Range	14 lpm to 1890lpm

Material of Construction

Pump Casing	SS 316
Motor Body	Cast Iron
Impeller	SS 316
Shaft	SS 316
Seal	Silicon Carbide / Silicon Carbide

Application

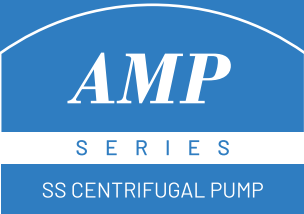
Dairy Industry	Water Treatment plants
Pharamaceutical Industry	Paper & Cement Industry
Bottling Plant	

Performance Table-2900rpm

Model	Power		Pump Size (mm)		Head in meter													
	HP	kW			4	6	8	10	12	14	16	18	20	22	24	26		
ACFP-1	0.25	0.18	12x12	Discharge In lpm		25	26	17	14									
ACFP-2	0.5	0.37	25x25					112	108	80	70							
ACFP-2A	0.5	0.37	40x40					210	175	60								
ACFP-3	1	0.75	25x25							140	130	122	100	95	80	70	30	
ACFP-3A	1	0.75	40x40					270	250	230	200	100						
ACFP-3B	1	0.75	50x50					370	350	300	200							
ACFP-4A	1.5	1.1	40x40															
ACFP-4B	1.5	1.1	50x50															
ACFP-5A	2	1.5	50x40							280	250	220	180					
ACFP-5B	2	1.5	50x50															
ACFP-5C	2	1.5	80x80							325	290	245	180	150	80			

Model	Power		Pump Size (mm)		Head in meter																				
	HP	kW			6	8	12	16	20	24	28	32	36	40	44	48	54	56	60	64	68	72	76		
ACFP-6A	3	2.2	50x40	Discharge In lpm					230	200	180	150	75												
ACFP-6B	3	2.2	65x50				575	520	265	255															
ACFP-7A	5	3.7	50x40									260	230	190	145	90									
ACFP-7B	5	3.7	65x50					650	580	520	300	210	150												
ACFP-7C	5	3.7	80x80				1050	900	756																
ACFP-7D	5	3.7	100x100		1296	1120	1080	648																	
ACFP-7E	5	3.7	80x65					750	650	556	345														
ACFP-8A	7.5	5.5	50x40									290	280	250	225	190	120	60							
ACFP-8B	7.5	5.5	65x50							700	640	575	470	275											
ACFP-8C	7.5	5.5	100x80				1250	1150	950	800															
ACFP-8D	7.5	5.5	100x100				1458	1296	1080	750															
ACFP-8E	7.5	5.5	80x65					1025	918	810	700														
ACFP-9A	10	7.5	50x40							500	480	470	450	430	390	340	260								
ACFP-9B	10	7.5	65x50									700	650	590	490	390									
ACFP-9C	10	7.5	80x65				1242	1180	1080	1026	918	810	700	486											
ACFP-9D	10	7.5	100x100				1700	1560	1450	1240	972														
ACFP-10A	12.5	9.3	80x65							1026	972	950	918	810	756	540									
ACFP-10B	12.5	9.3	100x100					1780	1725	1566	1242	648													
ACFP-11A	15	11	65x50														432	378	365	350	330	270	216		
ACFP-11B	15	11	80x65									1026	972	918	864	756	540								
ACFP-11C	15	11	100x100							1890	1782	1620	1950	910											
ACFP-12A	20	15	100x80							1782	1700	1620	1510	1458	1350	1188	1026								

SS CENTRIFUGAL PUMP



Specification

Power	0.5 to 15HP
Speed	2900 RPM
Version	1Ph - 230V, 50Hz 3Ph -415V, 50Hz
Degree of protection	IP 55
Class of insulation	F / B
Type of duty	S1 Continuous duty
Head Range	6 to 76m
Flow Range	12 to 1152 lpm

Material of Construction

Pump Casing	SS 316
Motor Body	Cast Iron
Impeller	SS 316
Shaft	
Seal	Silicon Carbide / Silicon Carbide

Applications

ETP / STP treatment plant
Bottling plant
Water treatment plant

Performance Table-2900rpm

Model	Power		Outlet Size (mm)		Head in meter												
	HP	kW			6	8	10	12	14	16	18	20	22	24	26	30	36
AMP-0515	0.5	0.37	25x25	Flow in LPM	120	114	108	60	12								
AMP-130	1	0.75	25x25				162	138	126	108	60	54	42	24			
AMP-115	1	0.75	40x40			324	282	228	102	90							
AMP-224	2	1.5	50x50					348	318	300	282	210	180	120	110		
AMP-325	3	2.2	65x50				552	528	504	474	444	420	384	348	294		
AMP-335	3	2.2	50x40					300	284	288	282	276	264	252	240	216	120
AMP-538	5	3.7	65x50									510	504	498	486	456	348
AMP-830	7.5	5.5	80x65							1140	1092	1038	984	852	780		

Model	Power		Outlet Size (mm)		Head in meter												
	HP	kW			28	32	36	40	44	48	52	56	60	64	68	72	76
AMP-550	5	3.7	50x40	Flow in LPM			246	264	222	162	120						
AMP-852	7.5	5.5	65x50			516	486	450	408	354	270	210					
AMP-1040	10	7.5	80x65		1068	954	798	570									
AMP-1065	10	7.5	65x50					450	426	408	384	360	318	258	180		
AMP-1348	12.5	9.3	80x65		1074	1020	960	886	696								
AMP-1372	12.5	9.3	65x50						480	474	468	456	432	372	336	180	
AMP-1555	15	11	80x65			1152	1098	1038	948	876	660	582					
AMP-1575	15	11	65x50							498	480	468	444	420	390	348	270

OIL TRANSFER PUMPS



Melto



Melto H

Specification

Power	0.5 to 1HP
Speed	2900 RPM
version	1Ph - 230V , 50Hz
Duty	S1 (Continuous)
Protection	IP 55
Insulation Class	F
Head Range	3 to 40m
Flow Range	5 to 49lpm
pH Value	6.5 to 8.5

Operating Conditions

Max. Liquid Temp	60°C/ 200°C
Max. Ambient Temp	40°C

Material of Construction

	Melto	Melto H
Pump Casing	SS 304	Cast Iron
Motor Housing	Aluminium	Aluminium
Impeller	Brass	Brass
Shaft	SS 410	SS 410
Seal	Mechanical Seal	Mechanical Seal

Applications

Food & Beverage Industry
Diesel and Non Viscous oil

Performance Table - Melto (max. liquid temp. 60°C)

Model	Power		Outlet Size (mm)		Head in meter					
	HP	kW			3	6	9	12	15	18
Melto-05	0.5	0.37	25x25	Discharge In lpm	20	15	10	5		
Melto-10	1	0.75	32x32		40	35	27	20	12	5

Performance Table - Melto H (max. liquid temp. 200°C)

Model	Power		Outlet Size (mm)		Head in meter							
	HP	kW			5	10	15	20	25	30	35	40
Melto H-05	0.5	0.37	25x25	Discharge In lpm	36	30	22	15	9			
Melto H-10	1	0.75	32x32		49	47	45	43	40	35	25	17

SELF PRIMING MONOBLOCK PUMPS

ASSP

S E R I E S

Chemical Pump

BARELL PUMPS

BL

S E R I E S

Barell Pumps



Specification

Power	0.5 to 5HP
Speed	2900 rpm / 1450 rpm
Version	1Ph - 230V, 50Hz 3Ph - 380V, 50Hz
Protection	IP55
Insulation Class	F
Head Range	5 to 65
Flow Range	7 to 180 lpm

Operating Conditions

Ma. Liquid Temp	80°C
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Material of Construction:

Pump Casing	SS 316
Motor Body	Cast Iron / Aluminium
Impeller	SS 316
Shaft	SS 316
Seal	Sic / Sic

Applications

Oil Industry
Petrol & Diesel Transfer
Pharmaceutical Industry

Performance Table

Model	Power		Pump Size (mm)	Speed (RPM)		Head in Meter													
	HP	kW				5	10	15	20	25	30	35	40	45	50	60	65		
ASSP-25/03	0.5	0.37	25 x 25	2900	Discharge in LPM	31	27	23	17	11									
ASSP-25A/07	1	0.75	25 x 25	2900		49	45	40	36	22	17	10	7						
ASSP-25/07-4	1	0.75	25 x 25	1450		63	56	50	41	35	28	21							
ASSP-25-2/15-4	2	1.5	25 x 25	1450		81	73	68	61	58	50	43	41	35	21	18	13		
ASSP-40/11-4	1.5	1.1	40 x 40	1450			145	130											
ASSP-40/15-4	2	1.5	40 x 40	1450			145	130	108										
ASSP-40/22-4	3	2.2	40 x 40	1450			145	130	108	991	63								
ASSP-40/30-4	4	3	40 x 40	1450					180	180	180	160	135	124					
ASSP-40/37-4	5	3.7	40 x 40	1450					180	180	180	160	135	124	113	94	84		

1" STAINLESS STEEL 316 / 304



Products

Most popularly used pump worldwide. 1 inch Delivery
Stainless Steel
Rotary Hand Pump

Do Not Use

With powder form material & sandy
and Alkalis Material, Adhesive etc.

Recommended Use

For dispensing water based media,
antifreeze, Urea, Adblue, DEF, Benzene,
Detergents, Glycerine, Mild Chemicals
etc., in addition to use with
all petroleum based products.

1" PLASTIC



Products

Most popularly used pump worldwide. 1 inch Delivery
Plastic Rotary Hand Pump

Do Not Use

With Acetone, Lacquer, Mineral Oils
Solvents, Turpentine, Adhesive etc.

Recommended Use

For dispensing water based media,
antifreeze, Urea, Adblue, DEF, Benzene,
Detergents, Glycerine, Mild Chemicals
etc., in addition to use with
all petroleum based products.

1.5" C.I. CASTING



Products

Most popularly used pump worldwide. 1 inch Delivery
C.I. Casting Rotary Hand Pump

Do Not Use

With water based media,
Antifreeze Solvents, Acids,
Adhesive and gasoline etc.

Recommended Use

Diesel, Kerosene, Heating
Oils, Motor Oils, Lubricating Oils

1.25" C.I. CASTING



Products

Most popularly
used pump worldwide.
1 inch Delivery
C.I. Casting
Rotary Hand Pump

Do Not Use

With water based media, Antifreeze,
Solvents, Acids, and Gasoline etc.

Recommended Use

For dispensing Diesel, Kerosene,
Heating Oils, Motor Oils, Lubricating Oils
(up SEA 90), and other non-corrosive media



SEPTIC TANK VACCUM PUMPS

Power Rating	7.5 & 11kW / 10-15HP
Version	3Ph - 380V - 50Hz
Speed Max.	1450rpm
Pressure Max.	1.5 Bar
Flow Max.	540 m³/h

STP SERIES



VACUUM PUMPS

Power Range	0.75-11kW / 1-15HP
Version	3Ph - 220/380/460V - 50Hz
Vacuum	710mm of Hg
Flow Max.	24 to 330 m³/h

VVP SERIES



PORTABLE ENGINE PUMPS

Engine Pumps	Petrol	Kerosene
Output Power	2.65 to 13HP	4 to 5HP
Pump Size	1½", 2", 3" & 4"	2" & 3"
Head Max.	75 m	28 m
Flow Max.	65 m³/h	60 m³/h
Start method	Recoil / Electric	Recoil / Electric
Engine Speed	3600rpm	3600rpm
Max Suction Head	8 m	8 m
Max Fuel Tank Cap.	6 liters	3.6 liters
Engine Oil Tank Cap.	1.1 liters	0.6 liters
Starting & Running Fuel	Petrol Start & Petrol Run	Petrol Start & Kerosene Run

PEP SERIES



TRACTOR DRIVEN PUMPS

Power Range	8-13.5HP
Pump Size (mm)	65x65, 80x80, 80x65, 100x100 & 150x150
Head Max.	40 m
Flow Max.	216 m³/h

TDP SERIES



VERTICAL SUMP PUMPS

Power Range	1.5kW - 75kW / 2-100HP
Speed	upto 2900rpm
Head Max.	upto 120 m
Flow Max.	upto 350 m³/h
Sump Depth	Upto 5m

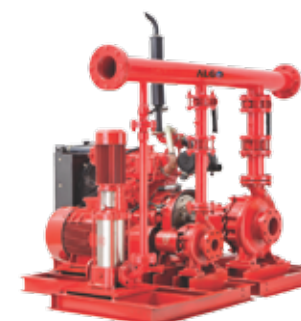
VSP SERIES



HYDRO PNEUMATIC SYSTEMS

Type	VERTICAL MULTISTAGE PUMP	HORIZONTAL MULTISTAGE PUMP
Number of Systems	2 to 6 pumps	2 to 6 pumps
Power Range	0.37 - 45kW / 0.5 - 60HP	0.37 - 4kW / 0.5 - 5.5HP
version	1Ph - 230V - 50Hz 3Ph - 380V - 50Hz	1Ph - 230V - 50Hz 3Ph - 380V - 50Hz
Speed	2900rpm	2900rpm
Head Max.	200 m	65 m
Flow Max.	100 m³/h	24 m³/h
Max. Operating pressure	25 bar	7 Bar
Max. Liquid Temperature	120°C	120°C

HI-RISE SERIES



FIRE FIGHTING SYSTEMS

Specification	ESAR Series	CM Series	AHS Series	BM series
Flow	upto 273 m³/hr	338 m³/hr	upto 700 m³/hr	upto 60 m³/hr
Head	upto 88 m	55 m	upto 100 m	upto 275 m
Delivery size	upto 150 mm	upto 150 mm	upto 200 mm	upto 100 mm
Speed	1450/2900rpm	1450/2900rpm	960/1450/2900rpm	2900rpm
Max pressure	16 bar	16 bar	16 bar	32 bar
Liquid Temperature	upto 90°C	upto 90°C	upto 90°C	upto 90°C

AFS SERIES



IMMERSION COOLANT PUMPS

Power Range	0.25-18.5kW / 3.3 - 25HP
Version	1Ph - 230V - 50Hz 3Ph - 380V - 50Hz
Head Max.	240 m
Flow Max.	20 m³/h

IMS SERIES



VERTICAL GLANDLESS PUMP

Power Range	0.75 - 7.5kW / 1 - 10 HP
Version	3Ph - 220/380/460V - 50Hz
Pump Size	1"x1", 2"x2", 1½"x1", 2"x1½", 3"x2½",
Head Max.	40m
Flow Max.	50m³/h

VGLP SERIES



TRIPLEX PLUNGER PUMPS

Power Range	2.2-75kW / 3-100HP
Version	3Ph - 220/380/460V - 50Hz
Max. Pressure	1500 kg/cm²
Flow Max.	2160 LPM

ATP SERIES

POSITIVE DISPLACEMENT PUMPS



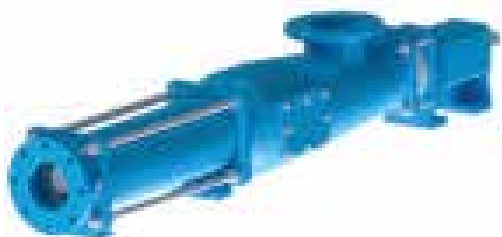
PD-1A Series Ind. & Chemical Screw Pumps

Application: Ceramic Slurry & other Abrasive and corrosive slurries, Massecuite, Effluents, Mineral Oils, Maize starch slurry, Viscose, Paints, Vegetable Oil, Sludge, Molasses, Magma, Dry seed & Sugar.

Capacity: 500m3/h, Pressure: 48 Bar, Temperature: 200°C, Viscosity: 1,00,000 CST

Features: Pumps are of cast iron construction with various metallurgy of rotating parts like Alloy steel, Tool steel, SS304 & SS316. other various options of FRP / Ebonite lined housing with rotating parts in super Alloys like Alloy20, Hastelloy C, Hastelloy B, Titanium are available for highly corrosive applications. Shaft sealing ensured by soft gland packing / mechanical seal. Torsion free metal bonded stator and double sealed universal as Pin & Bush joints or Special designs like Gear joints or Carbon joints as per customer requirements for longer service life and improved efficiency results in trouble free performance.

SIZE	21	31	38	45	53	63	76	90	105	125	148	180
CAPACITY in Cu.M/Hr.	3.0	8.5	16	22	30	40	60	75	120	200	240	275
PRESSURE in BAR	30	36	48	48	48	48	24	24	24	18	18	18
SPEED (RPM)	1400	1400	1400	1400	1000	1000	750	750	750	600	400	400



PD-2B Series Ind. & Chemical Screw Pumps

Application: Ceramic Slurry & other Abrasive and corrosive slurries, coating slurry, Starch, GCC, OBA, AKD Syrup, Melt, Massecuite, Effluents, Mineral Oils, Maize starch slurry, Viscose, Paints, Vegetable Oil & Sludge.

Capacity: 550m3/h, Pressure: 36 Bar, Temperature: 200°C, Viscosity: 1,00,000 CST

Features: Pumps are of cast iron construction with various metallurgy of rotating parts like Alloy steel, Tool steel, SS304 & SS316. other various options of FRP / Ebonite lined housing with rotating parts in super Alloys like Alloy20, Hastelloy C, Hastelloy B, Titanium are available for highly corrosive applications.

Shaft sealing ensured by soft gland packing / mechanical seal. Torsion free metal bonded stator and double sealed universal as Pin & Bush joints or Special designs like Gear joints or Carbon joints as per customer requirements for longer service life and improved efficiency results in trouble free performance.

SIZE	21	31	38	45	53	63	76	90	105	125	148	180
CAPACITY in Cu.M/Hr.	5	13	30	42	60	70	120	160	240	300	480	550
PRESSURE in BAR	6	6	6	6	6	6	6	6	6	6	6	6
SPEED (RPM)	1400	1400	1200	1200	1000	1000	750	750	750	600	400	400



PD 3PK Series Ind & Chemical Screw Pumps

Application: All type of Abrasive, corrosive, high consistency, fibrous, viscous & non viscous slurries / sludge with solid suspensions which are generally considered un-pumpable.

Capacity: 100m3/h, Pressure: 24 Bar, Temperature: 200°C, Viscosity: 1,00,000 CST

Features: Pumps are designed with special geometries in 1/2 as well as 2/3 profiles, while cast iron and Ss316 material of construction are offered, special material of construction are available for highly corrosive fluids. Shaft sealing ensured by soft gland packing / mechanical seal. Torsion free metal bonded stator and double sealed universal joints for longer service life and higher efficiency.

SIZE	1.0	0.4	2.6	6	13	25	40	45	60	62	90	100	120
CAPACITY in Cu.M/Hr.	0.2	0.35	1.8	4.0	9.0	20	35	40	50	60	80	90	100
PRESSURE in BAR	24	24	24	24		24	24	24	24	24	24	24	24
SPEED (RPM)	1400	1400	1400	1400		1000	1000	750	750	750	600	400	400

POSITIVE DISPLACEMENT PUMPS



PD-4W Series Wide Throat Chemical & Hygeine Screw Pumps

Application: Cake mix, Grease, Water Asbestos slurry, Explosive Slurry, High consistency Paper pulp, Grout mix, printer ink paste, Pulp concentrates, Jam, Chawanaprash, yoghurt, creams and other media termed as non newtonian fluids, magma, massecute.

Capacity: 275m3/h, Pressure: 36 Bar, Temperature: 200°C, Viscosity: 1,00,000 CST

Features: Hopper type suction inlet allowing gravity flow of plastico - viscous media on to auger cum coupling rod pusing viscous substances into pumping cavity, standard pumps employ mild steel hopper pump cavity with alloy steel rotating parts. For corrosive or hygienic duty, all contact parts will be in SS material. Shaft sealing by soft gland packing / mechanical seal. Delivery connection in BS, ISO, ASA, ANSI flanged ends and for hygiene applications. IDF/ SMS/Tricolor or equivalent are used. Bridge Breaker paddle assembly is available as option for products forming bridge while handling high consistency media.

SIZE	21	31	38	45	53	63	76	90	105	125	148	180
CAPACITY in Cu.M/Hr.	3.0	8.5	16	22	30	40	60	75	120	200	240	275
PRESSURE in BAR	30	36	48	48	48	48	24	24	24	18	18	18
SPEED (RPM)	1400	1400	1400	1400	1000	1000	750	750	750	600	400	400



PD-5F Series Clean Hygeine Screw Pumps

Application: Fruit pulp, Fruit juice, Honey, Condensed milk, butter oil, Glucose, cream, curd, yeast, Icecream, pharmaceutical formulations, syrup, malt extract etc.,

Capacity: 200m3/h, Pressure: 48 Bar, Temperature: 200°C, Viscosity: 1,00,000 CST

Features: Hygienic design pump with all metal parts in contact with liquid in smooth SS and stator of non-contamination rubber, seamless body eliminating product retaining pockets. Shaft sealling by soft gland packing / mechanical seal. Delivery connection in BS, ISO, ASA, ANSI flanged ends and for hygiene applications. IDF/SMS/Tricoior or equivalent end connections.

SIZE	21	31	38	45	53	63	76	90	105	125	148	180
CAPACITY in Cu.M/Hr.	5	13	30	42	60	70	120	160	240	300	480	550
PRESSURE in BAR	6	6	6	6	6	6	6	6	6	6	6	6
SPEED (RPM)	1400	1400	1200	1200	1000	1000	750	750	750	600	400	400



PD-6C Series Close coupled compact Pumps

Application: Acids and Alkaline slurry, Alum, Bentonite slurry, Casein slurry, ceramic slurry, coating mix, Detergent slurry, Dewatered sludge, Electroplating solutions, Emulsions, Ferrite slurry, Flocculent, Glue, Grout Mix, Gum sludge, Industrial wastes, Latex, Lube oil, Magma, Massecuite, molasses, Oil sludge, Paint, Paper pulp Petroleum jelly, polyelectrolytes, printing ink, Resins, soap stock, sodium silicate, spent wash, varnish, vegetable oil, Viscose, water to thickened sludge, Yeast

Capacity: 75m3/h, Pressure: 12 Bar, Temperature: 120°C, Viscosity: 1,00,000 CST

Features: Compact configuration of screw pumps in which the pumping parts are coupled directly to the drive thereby eliminating the bearing housing, suitable for restricted spaces of operation or mobile pump sets apart from low maintenance and cost effectiveness ensuring long service life. Various material of construction are offered to suit varied applications in CI, CS, SS304, SS316, while stators will be of natural, nitrile, Buna poly Butadiene, etc.,

ROTARY GEAR PUMPS



RO DOSING PUMP & CONTROLLER



Specification

Power	0.3 to 20HP
Speed	1440rpm
Head Range	up to 100 m
Flow Range	20 to 833lpm

Material of Construction

Body	IS.210 FG 220 C.I. Grade
Back Cover	IS. 210 FG 220 C.I. Grade
Gear	EN- 8EN - 24H. Nitride
Shaft	EN-19
Bushes	Non Ferrous
Seal	Neoprene Rubber Oil Seal / "Z"PackTeflon

Applications

Chemical & Petro Chemical Industry
Food Industry
Dairy & Sugar Industry
Pharmaceutical Industry

Performance Table

Model	Inlet Outlet Size	Capacity			Power Consumption in HP with 1440 RPM for liquid - 400 SSU viscosity at differential pressure at below			Weight of Bare Shaft Pump (kg)
		LPM	US GPM	M ³ /hr	50 PSI	100 PSI	150 PSI	
ARGP-050	½" x ½"	20	5.3	1.2	0.5	0.75	1.5	5.3
ARGP-075	¾" x ¾"	30	7.92	1.8	1	1.5	2	5.3
ARGP-100	1" x 1"	50	13.2	3	1.5	2	3	7.1
ARGP-150	1½" x 1½"	160	42.2	9.6	3	5	7.5	18
ARGP-200	2" x 2"	225	59.4	13.5	5	7.5	40	21.5
ARGP-250	2½" x 2½"	350	92.5	21	7.5	10	15	24.5
ARGP-300	3" x 3"	500	132	30	10	15	20	32
ARGP-400S	4" x 4"	666	176	40	15	20	25	80
ARGP-400B	4" x 4"	833	220	50	20	25	30	80



ROCON L

Capacity	RWP 2HP - 1Ph	HPP 2HP - 1Ph
Input Connection	Raw Water Tank Float Treated Water Tank Float Low Pressure Switch High Pressure Switch	
Output Connection	Raw Water Pump High Pressure Pump Flushing Solenoid Valve Dosing Pump	
Cutout Size mm	141 (H) x 171 (L)	
Overall Size mm	190 (L) x 65 (B) x 160 (H)	

- Protection**
 - Low Pressure Protection
 - High Pressure Protection
 - RWT Low Level Cut-off
 - TWT High Level Cut-off
- Features**
 - 7 segment Display
 - Online TDS Display
 - Auto / Manual Mode of operation
 - Slow & Fast Membrane Flushing
 - Product Water TDS
 - Password Protection



ROCON BT

Capacity	RWP 2HP - 1Ph	HPP 2HP - 1Ph
Input Connection	Raw Water Tank Float Treated Water Tank Float Low Pressure Switch High Pressure Switch	
Output Connection	Raw Water Pump High Pressure Pump Flushing Solenoid Valve Dosing Pump	
Cutout Size mm	215 (H) x 190 (L)	
Overall Size mm	240 (L) x 80 (B) x 215 (H)	

- Protection**
 - Low Pressure Protection
 - High Pressure Protection
 - RWT Low Level Cut-off
 - TWT High Level Cut-off
- Features**
 - 7 segment Display
 - Online TDS Display
 - Auto / Manual Mode of operation
 - Slow & Fast Membrane Flushing
 - Product Water TDS
 - Password Protection

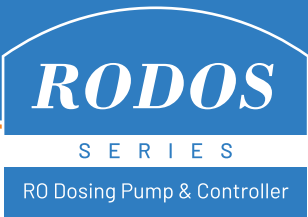


ROCON S

Capacity	RWP	HPP
ROCON S(1-1)	2HP - 1Ph	3HP - 1Ph
ROCON S(1-3)	2HP - 1Ph	4HP - 3Ph
ROCON S(3-3)	3HP - 3Ph	5HP - 3Ph
Input Connection	Raw Water Tank Float Treated Water Tank Float Low Pressure Switch High Pressure Switch	
Output Connection	Raw Water Pump High Pressure Pump Flushing Solenoid Valve Dosing Pump Auto MPV	
Cutout Size mm	215 (H) x 190 (L)	
Overall Size mm	240 (L) x 215 (B) x 135 (H)	

- Protection**
 - Low Pressure Protection
 - High Pressure Protection
 - RWT Low Level Cut-off
 - TWT High Level Cut-off
 - Over Load & Under Load Protection
 - Dry Run Prevention
 - Over & Under Voltage
 - Phase Failure Protection
 - Reverse Phase Protection
- Features**
 - 16 x 2 LCD Display
 - Online TDS Display
 - Auto / Manual Mode of operation
 - Slow & Fast Membrane Flushing
 - Product Water TDS
 - Password Protection

RO DOSING PUMP & CONTROLLER



ROCON HD

MODEL	RWP	HPP
ROCON HD7	3HP	7.5HP
ROCON HD10	5HP	10HP
ROCON HD15	7.5HP	15HP
ROCON HD20	10HP	20HP
ROCON HD30	15HP	30HP
Input Connection	Raw Water Tank Float Treated Water Tank Float Low Pressure Switch High Pressure Switch	
Output Connection	Raw Water Pump High Pressure Pump Flushing Solenoid Valve Dosing Pump Auto MPV	
Cutout Size mm	283 (H) x 283 (L)	
Overall Size mm	308 (L) x 145 (B) x 308 (H)	

- Protection**
- Low Pressure Protection
 - High Pressure Protection
 - RWT Low Level Cut-off
 - TWT High Level Cut-off
 - Over Load & Under Load Protection
 - Dry Run Prevention
 - Over & Under Voltage
 - Phase Failure Protection
 - Reverse Phase Protection
- Features**
- 16 x 2 LCD Display
 - Online TDS Display
 - Auto / Manual Mode of operation
 - Slow & Fast Membrane Flushing
 - Product Water TDS
 - Password Protection



RODOS

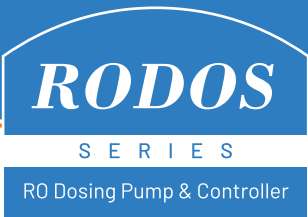
MODEL	RODOS 5	RODOS 10
	6LPH @ 4Bar	10LPH @5Bar
Diaphragm	PTFE / PVDF (Optional)	
Suction/Discharge Tubing	1/4	
Strokes	up to 400 SPM	
Version	230V - 1Ph, 50Hz	
Power Consumption	30 - 40 Watts	
Pump Stroke per minute	120 Max (Adjustable)	
Negative Suction	1m	
Ambient Temperature	40°C	
Base Fixing Hole	70 x 92 mm	

RODOS-SD

MODEL / SPECIFICATION	IDP S+6	IDP S+10
LPH	6 LPH @ 4 Bar	10 LPH @ 4 Bar
DISPLAY	7 Segment 3 Digit	7 Segment 3 Digit
RELAY	10A/230V AC	10A/230V AC
TRIPPING	Low Level Tripping	Low Level Tripping
DIAPHRAGM MOC	PTFE / PVDF (OPTIONAL)	PTFE
DIAPHRAGM ENCLOSURE MOC	Nylon Glass Filled PVDF (Optional)	Nylon Glass Filled PVDF (Optional)
SUCTION/DISCHARGE TUBING	1/4	1/4
FREQUENCY	Up to 400 SPM	Up to 400 SPM
ELECTRICAL	230V AC, 50 Hz	230V AC, 50 Hz
POWER CONSUMPTION	30 Watts	30 Watts
FUSE	500 mA / 230V AC	500 mA / 230V AC
PUMP STROKE PER MINUTE	120 Max (Adjustable)	120 Max (Adjustable)
NEGATIVE SUCTION	1 Mtr	1 Mtr
ENVIRONMENT TEMPERTURE	40°C Max	40°C Max
BASE HOLE SIZE	70x92 mm	70x92 mm



RO DOSING PUMP & CONTROLLER



SMART FLOW CONTROLLER

FM+

SPECIFICATION	
DISPLAY	Alphabetical 16x2 Bule / White LCD Display
RESOLUTION	9.66 µV
ACCURACY	±2%
RELAY	10A/230V
TRIPPING	NO/NC Settable
PHYSICAL DIMENSIONS	96(W) x 96 (L) x 53 (D) mm
CUT OUT SIZE	92(W) x 92 (L) mm
ENCLOSURE	ABS
MOUNTING	Panel Mounting
INPUT SUPPLY	230 V A.C.
CALIBRATION	Through Internal Setting
TEMPERATURE	0-60°C
RANGE (m³)	0 to 999999.99
RANGE (Liter)	0 to 999999.99



SMART FLOW CONTROLLER

FM+

SPECIFICATION	
DISPLAY	Alphabetical 16x2 Bule / White LCD Display
RESOLUTION	9.66 µV
ACCURACY	±2%
RELAY	10A/230V
TRIPPING	NO/NC Settable
PHYSICAL DIMENSIONS	96(W) x 96 (L) x 53 (D) mm
CUT OUT SIZE	92(W) x 92 (L) mm
ENCLOSURE	ABS
MOUNTING	Panel Mounting
INPUT SUPPLY	230 V A.C.
CALIBRATION	Through Internal Setting
TEMPERATURE	0-60°C
RANGE (m³)	0 to 999999.99
RANGE (Liter)	0 to 999999.99

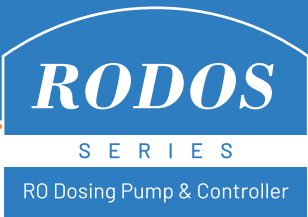


TDS / CONDUCTIVITY METER

TC & TCS+

SPECIFICATION	TC	TCS+
DISPLAY	7 Segment 4 Digit	7 Segment 4 Digit
RESOLUTION	2.5 mV	9.66 µV
ACCURACY	±5%	±2%
RELAY	-	10A/230V
TRIPPING	-	NO/NC Settable
PHYSICAL DIMENSIONS	96(W) x 96 (L) x 53 (D) mm	
CUT OUT SIZE	92(W) x 92 (L) mm	
ENCLOSURE	ABS	
MOUNTING	Panel Mounting	
INPUT SUPPLY	230 V A.C.	
CALIBRATION	Through Internal Setting	
TEMPERATURE	0-60°C	
RANGE (TDS)	1 to 1000 ppm	
RANGE (Conductivity)	1 to 2000 µs/cm2	

WATER VENDING MACHINE CONTROLLER



SPECIFICATION	SMART CARD	MULTI COIN	DUAL (CARD+COIN)
CONTROLLER	Multiple Volumes & Price	Multiple Volumes & Price Setting	Multiple Volumes & Price Setting
OPERATED	RFID Card	Multi Coin	RFID card + Multi Coin
SOLENOID VALVE	15 NB (1/2")	15 NB (1/2")	15 NB (1/2")
FLOW SENSORS	15 NB (1/2")	15 NB (1/2")	15 NB (1/2")
BOX	Power Coated Metal Box	Power Coated Metal Box	Power Coated Metal Box
INPUT VOLTAGE	230 V AC / 12 V DC (Optional)	230 V AC / 12 V DC (Optional)	230 V AC / 12 V DC (Optional)
OUTPUT VOLTAGE	230 V AC / 12 V DC (Optional)	230 V AC / 12 V DC (Optional)	230 V AC / 12 V DC (Optional)
SOLENOID VALVE	230 V AC / 12 V DC (Optional)	230 V AC / 12 V DC (Optional)	230 V AC / 12 V DC (Optional)
FLOW SENSOR	Pulse Type	Pulse Type	Pulse Type
WATER INLET CONNECTION	15 NB (1/2")	15 NB (1/2")	15 NB (1/2")
WATER OUTLET CONNECTION	15 NB (1/2")	15 NB (1/2")	15 NB (1/2")
OVERALL SIZE	270 H x 330 L x 246 D mm	270 H x 330 L x 246 D mm	270 H x 330 L x 246 D mm
CUTOUT SIZE	244 H x 300 L mm	244 H x 300 L mm	244 H x 300 L mm
DISPLAY	Alphabetical 16x2 Bule / White LCD Display	Alphabetical 16x2 Bule / White LCD Display	Alphabetical 16x2 Bule / White LCD Display

SOLENOID VALVE

		SEMI LIFT DIAPHRAGM VALVE		
MODEL	Unit	SLD 15	SLD 20	SLD 25
Pipe Size	Inch	½"	¾"	1"
	mm	15	20	25

Specifications

Working Medium	Air / Water / Oil / Gas
Motion Pattern	Diaphragm Type
Type	Normally Closed (2/2 way)
Actuator	Electromagnetic
Power Supply	230 V AC / 12V DC / 24 V DC
Seal	NBR / VITON
Working-pressure	0 to 10 BAR
Max. Pressure Resistance	12 BAR
Working Medium Temp	-5~80°C
Coil Operating Temp	-5~85°
Voltage Range	± 10% of Power Supply
Material of Body	NV 66 / CF 8 / CF 8M
Connection	BSP type threaded
Coil Class	F class / H class



METERING TYPE PLUNGER PUMPS



Features

- CDOS - Plunger pump is Designed for heavy duty industrial application.
- Easy to maintain
- Low NPSHR
- Oil bath splash type lubrication for longer life
- High metering accuracy.
- Modular Configurations: Simplex, Duplex, Triplex and Quadriplex
- Turn down ratio 10 : 1
- Accuracy up to ± 1%
- No Welds on Wet End Parts
- Pumps can be provided with latern ring flushing connections.
- Manual stroke length control standard (optional VFD)
- Micrometric stroke adjustment while pumping.
- Available in variable / fix stroke.
- Available with jacketing molten liquids .
- Process Temperature from -20°C to 220°C

Pump Model	Capacity(LPH)	Pressure (kg/cm2)	Power Rating
CDOS-MP1	0-200	upto 90	upto 0.75kW
CDOS-MP2	0-1000	upto 120	upto 1.1 kW
CDOS-MP3	0-3000	upto 240	upto 2.2kW
CDOS-MP4	0 - 6500	upto 200	upto 5.5kW

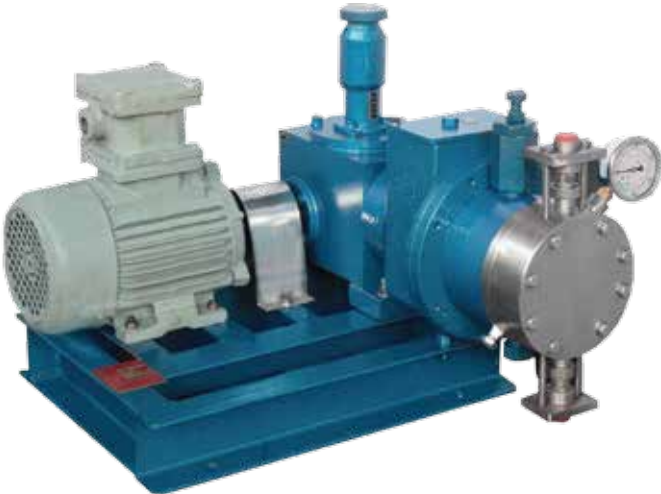
Material of Construction

- Reagent head: AISI 316L, AISI 304, AISI 316, Alloy 20, Hastelloy C
- Check Valves: AISI 316L, AISI 304, AISI 316, Alloy 20, Hastelloy C
- Metal Gearbox: Cast Iron

Application

Oil & Gas, Chemical, Detergents, Cosmetic, Food & Beverages, Fertilizers, Nuclear, Reactor, Water, Treatment ETP & STP, Paints, Steel, Textiles, Paper, Pharmaceuticals, Power, Petroleum Mine, Institutes, Consultancy Agencies

HYDRAULIC DIAPHRAGM PUMP



Features

- Easy to maintain with zero leakages.
- Hydraulically Balanced Sandwich (Double) Diaphragm with Rupture Detection.
- Inbuilt Safety Relief Valve.
- Low NPSHR6. Oil bath splash type lubrication for longer life.
- High metering accuracy.
- Modular Configurations: Simplex, Duplex, Triplex and Quadriplex.
- Turn down ratio 10:1.
- Accuracy up to ± 1%.
- No Welds on Wet End Parts.
- Pumps can be provided with latern ring flushing connections.
- Manual stroke length control standard (optional VFD).
- Micrometic stroke adjustment while pumping.
- Available in variable / fix stroke.
- Available with jacketing molten liquids.
- Process Temperature from -20°C to 220°C

Pump Model	Capacity(LPH)	Pressure (kg/cm2)	Power Rating
CD0S-HD1	0-50	Upto 20	0.37kW
CD0S-HD2	0-160	Upto 20	upto 0.75kW
CD0S-HD3	0-200	Upto 20	0.75kW
CD0S-HD4	0-500	Upto 20	0.75kW
CD0S-HD5	0-750	Upto 30	upto 2.2kW
CD0S-HD6	0-3000	Upto 30	upto 3.7kW
CD0S-HD7	0-5000	Upto 15	upto 7.5kW

Material of Construction

- Reagent head: PTFE, Polypropylene, AISI 316L, AISI 304, AISI 316, Alloy 20, Hastelloy C
- Check Valves: PTFE, Polypropylene, AISI 316L, AISI 304, AISI 316, Alloy 20, Hastelloy C
- Metal Gearbox: Cast Iron
- Diaphragm : PTFE / Metallic

Application

Oil & Gas, Chemical, Detergents, Cosmetic, Food & Beverages, Fertilizers, Nuclear, Reactor, Water, Treatment, Paints, Steel, Textiles, Paper, Pharmaceuticals, Power, Petroleum Mine, Institutes, Consultancy Agencies

MECHANICALLY ACTUATED DIAPHRAGM PUMPS



Features

- Simple Design,
- Leakproof & Low NPSHR.
- Flame Proof.
- Oil bath splash type lubrication for longer life.
- Economical & maintenance free.

Pump Model	Capacity(LPH)	Pressure (kg/cm2)	Power Rating
CDOS-DP02	0-50 LPH	6	0.18 KW
CDOS-DP05	0 - 200 LPH	4	0.37 KW
CDOS-DPIO	0 - 800 LPH	5	0.75 KW

Material of Construction

- Reagent head: PTFE, Polypropylene, AISI 316L, AISI 304, AISI 316, Alloy 20, Hastelloy C
- Check Valves: PTFE, Polypropylene, AISI 316L, AISI 304, AISI 316, Alloy 20, Hastelloy C
- Metal Gearbox: Cast Iron
- Diaphragm : PTFE / Metallic

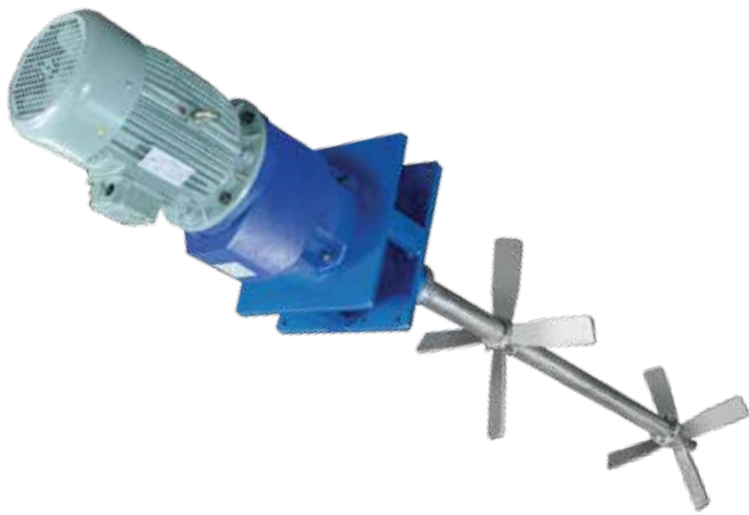
Application

Chemical Detergents , Institutes Food & Beverages , Fertilizers Water Treatment Plantsts, Steel Textiles, Paper, Pharmaceuticals & Power Plant.

AGITATORS



ACCESSORIES



Features

- Agitators ranging upto 5.5kW
- Agitator Height upto 4.5mtr
- ranging from 0.18kW to 5.5kW.

Agitator mounting types: Top Side Inclined Types of Impellers:

Pitch Blade

Ideal for viscous mixtures and for applications requiring a combination of pumping and shearing.

Radial Blade

Ideal for applications where shear is the primary requirement, or where agitation close to the bottom of the tank is desired.

Marine-Type Propellers

Ideal for low-viscosity, high-speed direct drive mixers for highspeed and lowspeed.

Material of Construction

Agitator impeller & shaft:- SS316,SS304,PTFElined, Alloy20, HastelloyC, MSRL

Application

Pharmaceuticals, chemicals, Water Treatments, Process Industries etc.

EP Series

Automatic Pressure Controller



Specifications

- Rated Voltage: 220-240V /110-120V
- Frequency: 50 / 60 Hz
- Max using current/Max power: 10A- upto 1.1kW / 16A-1.5kW
- Starting pressure setting: 1.2 bar, 1.5bar, 2.2bar
- Max working pressure: 10Bar
- Connection thread: R1"
- Protecting rating: IP65
- Max Working Temperature: 50°C

Features

- Compact and silent
- Built in reset button
- Automatic start and stop of pump
- Protection against dry running
- Over heat protection
- Forced start

Savia Series

Float Switch



Specifications

Cable Length	2m, 3m, 5m & 10m
Rated Voltage	220/230/240V
Rated Current	10A / 16A
Frequency	50/60Hz
Protection Rating Max	IP67
Working Temperature	55°C

Aquapol Series

Automatic Water Level Controller



Specifications

Power Range	0.37kW - 2.2kW / 0.5HP - 3HP
Voltage	1Ph - 230V
Enclosure	Plastic
Protection	IP 65
Features	Auto & Manual operation switch, Dry run, Level control
Optional Aquapol-F	Controller with Float Switch Controller with 2 mtr or 3 mtr Float Switch

AK Series

DOL Starter



Specifications

Power Range	2.2kW - 7.5 kW / 3HP - 10HP
Voltage	3Ph - 380V
Enclosure	Metal
Protection	IP 65
Features	Electrolytic Copper Contacts, Protects Your Motor From Overload, Precision Set Contactor And Trip-sure O.L Relay, Trouble Free Operation From 280v To 440v Noise Free Performance

CONTROL PANELS



DOL CONTROL PANEL- i-Care, Shelta-D, Secura

Specifications

Metal Box	: CRC / FRP / Galvanized Sheet with Powder coated (We can Provide design IP55 / IP54 / IP43 / IP65 as per customer requirement)
Contactor	: Schneider / BCH / Chint / ABB (Reputed)
MCB/MCCB	: Schneider / BCH / Teknic / C&S / Indo Asian (Reputed)
Analog Ammeter	: (0 - 30/50/150/450/800 Amps) R-Y-B: Kaizen
Analog Voltmeter	: (0 - 500 Volt) RY-YB-BR: Kaizen
Digital Ammeter	: (0 - 30/50/150/450/800 Amps) R-Y-B: Kaizen
Digital Voltmeter	: (0 - 500 Volt) RY-YB-BR: Kaizen
Over Load Protection	: (As per Motor Rating) Variable with 0 to 60 Sec Time
Under Load Protection	: (As per Motor Rating) Variable with 0 to 60 Sec Time
Over Voltage Protection	: (300 - 500 Volt) Variable with 0 to 60 Sec Time
Under Voltage Protection	: (300 - 500 Volt) Variable with 0 to 60 Sec Time
Single Phase Preventer	: With current and Voltage Sensing
Switch	: Auto-Manual
Power and Control wiring	: Copper
Output	: Terminals
Indicating Lamp	: R-Y-B (22.5 sq.mm LED Type)
Push Button	: On / OFF (22.5 sq.mm.)



STAR DELTA CONTROL PANEL- Secure Plus

Specifications

Metal Box	: CRC / FRP / Galvanized Sheet with Powder coated (We can Provide design IP55/ IP54/ IP43/ IP65 as per customer requirement)
Contactor	: Schneider / BCH / Chmt / ABB (Reputed)
MCB/MCCB	: Schneider / BCH / Teknic / C&S / Indo Asian (Reputed)
Digital Ammeter	: (0 - 30/50/150/450/800 Amps) R-Y-B: Kaizen
Digital Voltmeter	: (0 - 500 Volt) RY-YB-BR Kaizen
Over Load Protection	: (As per Motor Rating) Variable with 0 to 60 Sec Time
Under Load Protection	: (As per Motor Rating) Variable with 0 to 60 Sec Time
Over Voltage Protection	: (300 - 500 Volt) Variable with 0 to 60 Sec Time
Under Voltage Protection	: (300 - 500 Volt) Variable with 0 to 60 Sec Time
Single Phase Preventer	: With current and Voltage Sensing
Switch	: Auto-Manual
Power and Control wiring	: Copper
Output	: Terminals
Indicating Lamp	: R-Y-B (22.5 sq.mm LED Type)
Push Button	: On/Off (22.5 sq.mm)



AUTO TRANSFORMER STARTER (ATS)

Specifications

Metal Box	: CRC / FRP / Galvanized Sheet with Powder coated. (We can Provide design IP55/ IP54/ IP43/ IP65 as per customer requirement)
Contactor	: Schneider / BCH / Chint / ABB (Reputed)
MCB/MCCB	: Schneider / BCH / Teknic / C&S / Indo Asian (Reputed)
Digital Ammeter	: (0 - 30/50/150/450/800 Amps) R-Y-B: Kaizen
Digital Voltmeter	: (0 500 Volt) RY-YB-BR: Kaizen
Over Load Protection	: (As per Motor Rating) Variable with 0 to 60 Sec Time
Under Load Protection	: (As per Motor Rating) Variable with 0 to 60 Sec Time
Over Voltage Protection	: (300 - 500 Volt) Variable with 0 to 60 Sec Time
Under Voltage Protection	: (300 - 500 Volt) Variable with 0 to 60 Sec Time
Single Phase Preventer	: With current and Voltage Sensing
Switch	: Auto-Manual
Power and Control wiring	: Copper
Output	: Terminals
Indicating Lamp	: R-Y-B (22.5 sq.mm LED Type)
Push Button	: On/OFF (22.5 sq mm)

CONTROL PANELS



SINGLE PHASE & TWO PHASE SUBMERSIBLE MOTOR CONTROL PANEL

Specifications

Metal Box	: CRC Sheet with Powder coated.
Contactor	: Schneider/ BCH / C&S (Reputed).
MCB/MCCB	: Schneider/ Teknic/ C&S / Indo Asian (Reputed).
Analog Ammeter	: OA - 30A (as per motor current rating)
Analog Voltmeter	: OV - 240V (Single Phase), OV - 500V (Two Phase)
Digital Ammeter	: OA - 30A (as per motor current rating)
Digital Voltmeter	: OV - 240V (Single Phase), OV - 500V (Two Phase)
Starting Capacitor	: As per Customer requirement
Running Capacitor	: As per Customer requirement
Pick up Voltage	: 120- 240 V(Single Phase)/ 190 - 240 V (Two Phase)
Power And Control wiring	: Copper
Output	: Terminals
Indicating Lamp	: LED Type
Push Button	: On/OFF



ELECTRONIC CONTROL PANELS

Specifications

Power Range	: 1Ph - 0.37 - 1.1kW / 0.5-1.5HP (CSCR Type) : 1Ph - 0.37 - 2.2kW / 0.5-3HP (CSR Type) : 3Ph - 0.37-7.5kW / 0.5-10HP
Voltage Range	: 1Ph - 130 - 300V : 3Ph - 200 - 600V
Frequency	: 50 & 60Hz
Enclosure	: MS Powder Coated / Plastic
Protection	: IP53 / IP55 / IP54 / IP43 / IP65
Features	: Digital display, electronic overload & dry run prevention, pump failure data log, wide operating voltage range, auto start & dry run auto restart, float switch provision



SMART CONTROL PANELS

Specifications

Type	: 1Ph CSR / CSCR & 3Ph D.O.L.
Power Range	: 0.75kw - 15kW
Voltage	: 230V - 380V - 50 / 60Hz
Enclosure	: FRP
Protection	: IP 54
Features	: Previous 5 fault record display, remote monitor, accumulative running time display, display & sound alarm for fault, over load protection, dry run protection, under & over voltage protection, phase unbalance protection, phase reversal protection & open phase protection



GSM CONTROL PANEL

Specifications

Type	: 3Ph - Smart Control Panel
Power Range	: 3.7-75kW / 5-100HP
Display	: Digital
Voltage	: 415V
Features	: IVRS / missed call system for motor on/off, message alert, automatic 1p converter, cyclic timer "high & low voltage protection, phase failure and phase reversal protection, different voltage protection, over load & dry run protection, dryrun restart timer, current sensing phase -2(2ct), individual amps alibration & amps setting, water level controller option, can add 10 users to control the starter.

uPVC COLUMN PIPES

uPVC COLUMN PIPES



Applications

- Used as riser pipe for submersible and jet pumps
- Industrial mining and Chemical distribution
- The best replacement for MS, PPR, ERW, GI, HDPE and Stainless Steel column pipes
- Suitable for handling salty, sandy and aggressive water

Specification

- Maximum ambient temperature 70°C
- Maximum installation depth 370m
- Installation: Vertical, Horizontal or Inclined

Adaptor Material



BOTTOM ADAPTOR

- SS 304
- Cast Iron



TOP ADAPTOR

- SS 304
- MS / CI

Salient Features

- Corrosion Free
- Easy Installation & Handling
- Very Low Friction Loss
- Termite Proof
- Non Toxic & Resistant to chemical reactions
- Unbreakable & longer life span upto 25 years.

Available Bell Mouth Type

Pipe Type	Size	Maximum Installation Depth	
		mtr	feet
Primo-B	1" to 1.25"	75	250
Nano-B	1" to 2"	90	300
Medium-B	1" to 1.5"	125	410

Wall Thickness

Packing Details

All dimensions are in mm (Nos. of Pipes/Bundle)

Nominal Diameter		Nominal O.D.	O.D. including coupler (Max)	Minimum Wall Thickness (At ends)						Inch	3 Meter	5.8/6 Meter
				Primo	Nano	Medium	Standard	Heavy	Super Heavy			
25	1.00"	33.30	46.10	3.3	3.5	3.5	4.8	---	---	1"	25	---
32	1.25"	42.16	55.10	4.1	4.2	4.2	5.0	6.4	---	1.25"	25	---
40	1.50"	48.26	62.50	---	4.3	4.3	5.2	6.0	---	1.5"	20	---
50	2.00"	60.32	79.00	---	4.8	4.8	6.0	7.3	8.0	2"	15	---
65	2.50"	75.15	91.80	---	5.3	5.3	6.6	8.7	10.0	2.5"	10	5
80	3.00"	88.20	110.0	---	---	6.0	7.4	9.9	10.5	3"	5	3
100	4.00"	113.30	136.5	---	---	6.8	8.5	12.0	12.5	4"	5	3
125	5.00"	141.30	165.0	---	---	7.7	10.2	15.2	16.5	5"	3	2
150	6.00"	165.00	205.0	---	---	---	---	16.5	---	6"	3	2

Maximum Permissible Pressure Rating (Kg/cm²)

Maximum Installation Depth

Size		Primo	Nano	Medium	Standard	Heavy/ Heavy++	Super Heavy	Pressure Rating kg/cm ² (CouplerType)	mtrs	feet
25	1.00"	12.5	15	21	27	---	---	10	100	325
32	1.25"	12.5	15	21	27	35	---	11	110	360
40	1.50"	---	15	21	26	35	---	13	125	410
50	2.00"	---	15	18	21	27	35	15	150	490
65	2.50"	---	13	15	18	27	35	16	160	525
80	3.00"	---	---	11	18	27	35	18	180	590
100	4.00"	---	---	10	16	27	35	21	210	690
125	5.00"	---	---	10	16	27	35	26	260	850
150	6.00"	---	---	---	16	27	---	27	270	885
								35	350	1150

Note: Pump shut off head should not exceed above mentioned permissible pressure rating of the pipes

Note: The above mention Maximum installation depth are indicative and will vary according to weight carrying capacity of the pipes .

FLEXIBLE HOSE



Operating Conditions

Liquid Temperature	-40°C to +50°C
Water pH (Below 30°C)	4 to 9
Water pH (B/W 30°C to 50°C)	5 to 9

Specification

Medium Type

Available Size	1"	1¼"	1½"	2"
Apprx. Wall Thickness (mm)	1.8	2	2.2	2.4
Burst Pressure (kg/cm²)	25	45	50	50
Max. Tensile Strength (kg)	500	1000	1500	1700
Max. Elongation in working condition (%)	1.5	1.5	1.5	1.5
Max. Installation Depth (m)	60	100	100	100
Max. Load (kg)	150	350	500	500
Max. Pressure (kg/cm²)	7	10	10	10
Max. Flow (lpm)	59	117	235	334

Standard Type

Available Size	2"	3"	4"	5"	6"
Burst Pressure (kg/cm²)	57	57	57	57	57
Max. Tensile Strength (kg)	4000	7000	12000	15000	20000
Max. Elongation in working condition (%)	15	15	15	15	15
Max. Installation Depth (m)	250	250	250	250	250
Max. Load (kg)	1600	2800	4800	6000	8000
Max. Pressure (kg/cm²)	25	25	25	25	25
Max. Flow (lpm)	480	1200	2000	2990	4450

Re-Usable Conical Coupling

Available Size	2"	3"	4"	5"	6"
Material	SS316	SS316	SS316	SS316	SS316
Male Thread Coupling	2"BSP /NPT	3"BSP /NPT	4"BSP /NPT	5"BSP /NPT	6"BSP /NPT
Max. Dia (mm)	100	130	165	205	248
Total Length (mm)	112	160	160	200	267
Weight (kg)	2.4	5.9	11.4	20.5	34.5
Allen Key Size (mm)	8	10	14	17	17

SUBMERSIBLE / UG & SOLAR CABLES



Specifications

Sizes in sq.mm	Flat 1.0 to 150 sq.mm, Round 1.0 to 240 sq.mm 3 core and 4 core, 1100 V
Sizes in AWG	14 AWG to 250 mcm 3 core and 4 core, 600 V / 1100 V
Temperature range	PVC -15°C to +70°C, Rubber -40°C to +90°C
Conductor	High conductivity annealed and bunched copper
Conductor material	Copper EC Grade
Insulation material	Flexible water proof PVC / EPDM / EPR
Sheath material	Flexible water proof PVC / Rubber (EPDM / NBR / PCP)
Sheath colour	Black / Blue / Green / Any other color as be specified by the customer

Colour Coding: PVC / Rubber Insulated & Sheathed 3 & 4 core, Flat & Round (Single/ Double sheathed)

Country	Core Color	Sheath Color
European	4 core – Brown Blue Black Yellow with Green line	Blue
Standard	3 core - Brown Blue Black	
USA Standard	4 core – Yellow Black Red Green	Blue / Black
- AWG	3 core – Yellow Black Red	
UAE	3 core – Red Yellow Blue	3 Core double sheathed Round – Black
South Africa	4 core – Red Yellow Blue Green with Yellow line	4 core Round / Flat – Green
	3 core – Red Yellow Blue	3 core Round / Flat – Blue
Australia	4 core – Brown Blue Black Yellow with Green line	Blue
	3 core - Brown Blue Yellow with Green line	
Other countries	European Standard can be followed	Blue

ACCESSORIES

PRESSURE TANKS-IFB SERIES



Mounting Type	Horizontal	Vertical
Capacity	5lit, 24lit & 50lit	2lit
Max. Working Pressure	5 to 16 Bar	
Max. Operating Temp.	90°C	
Membrane	Butyl	

GWS PRESSURE TANKS



Mounting Type	Horizontal	Vertical
Capacity	8lit to 100lit	2lit 3000lit
Max. Working Pressure	5 to 25 Bar	
Max. Operating Temp.	99°C	

BRASS 5 WAY CONNECTOR



Size	1" BSP
Material	Brass
Height	80mm
Weight	220 gm
Pressure	10 Bar
Temperature	-20°C to 90°C

BRASS V. CHECK VALVE



Size	1" BSP
Material	Brass
Height	67-70mm
Weight	305 gm
Pressure	10 Bar
Temperature	-20°C to 100°C

BRASS Y-STRAINER



Size	1" BSP
Material	Brass
Weight	270 gm
Pressure	10 Bar
Temperature	-20°C - 150°C

PRESSURE GAUGE



Pressure Range	upto 10 Bar
Dial Size	50mm
Connector	Brass
Connector Size	¼"
Outer Case	High Grade Plastic

DANFOSS PRESSURE SWITCH



Connection Size	¼" BSP
Enclosure	MS (Mild Sheet) with Powder Coated paint
Differential Pressure - Min	0.7 Bar
Differential Pressure - Max	4 Bar
Max. Test Pressure	22 Bar
Max. Working Pressure	17 Bar
Regulation Range Pe (Max)	7.5 Bar
Regulation Range Pe (Min)	-0.2 Bar
Enclosure Rating	IP 30

WIKA PRESSURE SWITCH



Connection Size	¼" BSP
Enclosure	Steel with powder coated
Differential Pressure - Min	0.6 Bar
Differential Pressure - Max	5.5 Bar
Max. Test Pressure	23 Bar
Max. Working Pressure	17 Bar
Regulation Range Pe (Max)	7 Bar
Regulation Range Pe (Min)	0.7 Bar
Enclosure Rating	IP 33

CARTRIDGE SEALS



Shaft Size	12mm -1 to 5m3/h 16mm -10 to 20m3/h 22mm - 32 to 90m3/h
Material	SiC/SiC/Viton/SS304 (SSV) TC/TC/Viton/SS304 (TCV)
Temperature	20°C -120°C
Pressure	upto 30 Bar

BALL BEARINGS



Type	Single Row Deep Groove Ball Bearing
Size	6201(ZZ), 6202(ZZ), 6203(ZZ) 6204(ZZ), 6303(ZZ), 6304(ZZ)
Shield	Double Metal Shield

WATER METER



Size:	½", ¾", 1", 1¼", 1½" & 2"
	Single Jet & Multi Jet - dry type water meter.
	Magnetic transmission.
	Protected against external magnetic interference.
	Direct reading.
	Durable tamper proof structure.
	Maximum working temperature of 90°C.
	Maximum working pressure of 160 bar

PP SAFETY ROPE
(With Meter Marketing)



Type	Safro, Promax (Premium)
Material	Polypropylene
Available Size (OD)	4 to 40mm
Color	Yellow
Coil Length	100, 200, 330, 500 & 1000 mtr

BELT WRENCH
(for uPVC column pipes)



Suitable for	2" to 4" uPVC pipe
Spanner Material	Mild Steel
Spanner Thickness	4mm
Spanner Pipe Handle	L-15" & OD - 20mm
Belt Size & Thickness	22" & 6mm

HEAT SHRINK CABLE
JOINT KIT



Cable Size - upto	16 sqmm (Flat & Round)
Kit Contains	Ferrule
	Outer Jacketing Tube
	Insulating Sleeve
	Cleaning Tissue
	Insulation Tape

COOLANT CUM LUBRICANT



- Features:**
- Act as anti corrosive agent
 - Act as anti freeze agent
 - Lubricates internal rotating parts
 - Protection from scale formation
 - Better Cooling property
 - ECO friendly non toxic
 - Ratio 1:3 (3 times clean cold water)

- Caution:**
- Mix well before use
 - Keep away from heat
 - Dilute with clean, cold, drinking water
 - Make sure the can / barrel is closed after use
 - Only for Industrial application

MEMBERSHIP



FEDERATION OF INDIAN
EXPORT ORGANISATIONS
Set up by Ministry of Commerce, Government of India

