

PUMPING SOLUTION
for all Applications

www.algopumps.com

ALGO
CONNECTING TECHNOLOGIES
PUMPS | MOTORS | PIPES | CABLES



ALGO
CONNECTING TECHNOLOGIES

Registered Office

ALGO FLUID SYSTEMS PRIVATE LIMITED

Plot No: 2403/1, G.I.D.C. Estate,
Ahmedabad Mehsana Highway, Chhatral, Kalol Taluka,
Gandhinagar Dist., Gujarat, India - 382729.

Tel. : +91-2764-234240 / 8098770708
E-mail : sales@algopumps.com
web : www.algopumps.com

Associate Company

ALGO HYDRO TECH

No. 18 Siva Jothi Colony, Goldwins,
Civil Aerodrome Post, Coimbatore,
Tamilnadu, India - 641014.

Tel. : +91 9976170074
E-mail : salescbe@algopumps.com
web : www.algopumps.com

PUMPS | MOTORS | CABLES | PIPES | CONTROLS & DRIVES | SOLAR SOLUTIONS



* For Specific Models Only

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



Mission, Vision & 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.



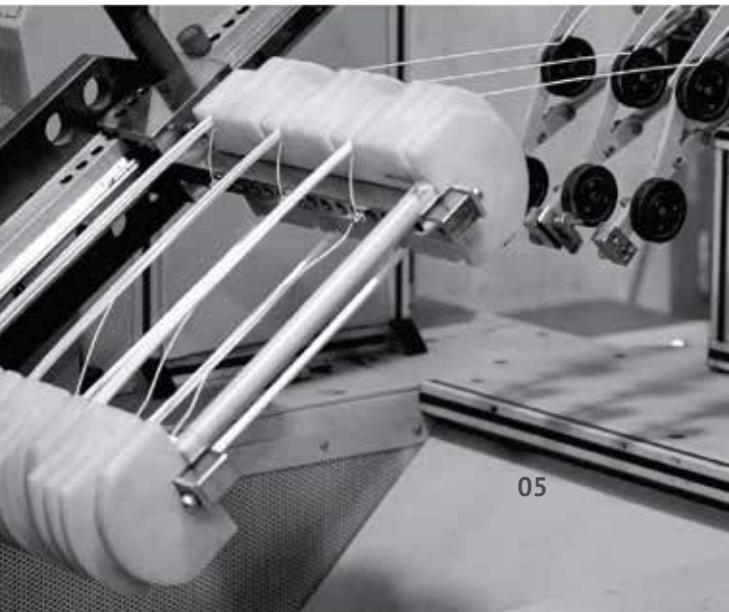
Quality Policy

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



PRODUCT RANGE



Lima/Milano/Ryno/Chutti Series
Self Priming Regenerative Pumps
P.g.No: 12



Magni/Axer Series
Super Suction Self Priming Pumps
P.g.No: 13



JaRo Series
High Pressure Selfpriming Pumps
P.g.No: 14

PRODUCT RANGE



Hora+ Series
Horizontal Openwell Pumps
P.g.No: 28



Xeno Series
Horizontal Openwell Pumps
P.g.No: 29



Hilux Series
SS Horizontal Openwell Pumps
P.g.No: 30



AMS & VMS Series
Self Priming Monoblock Pumps
P.g.No: 15



Pressmac Series
Pressure Booster Systems
P.g.No: 16



Booma Series
Single Shower Booster Pumps
P.g.No: 17



Hora-M Series
Horizontal Openwell Pumps (lph)
P.g.No: 31



Hora Series
Horizontal Openwell Pumps (3 ph)
P.g.No: 32



Verna+ Series
Vertical Openwell Pumps
(1 ph & 3 ph)
P.g.No: 33



Vensa Series
Horizontal Multistage Pumps
P.g.No: 18



Zala Series
Vertical Multistage Pumps
P.g.No: 19



Manzy Series
Centrifugal Monoblock Pumps
P.g.No: 20



BenZa Series
Sump Pumps
P.g.No: 37



Jeeto Series
4" Submersible Pumps
P.g.No: 38



X-Ora Series
4" Oilfilled Pumpset
P.g.No: 39



Manzy Grand Series
Monoblock Pump
P.g.No: 22



CMS Series
Stainless Steel Monoblock Pumps
P.g.No: 24



CM Series
Centrifugal Monoblock Pumps
P.g.No: 25



Sun Series
Solar Submersible Pumps
P.g.No: 40



JS Series
Self Priming SS Jet Pumps
P.g.No: 42



JB Series
Self Priming Jet Pumps
P.g.No: 43

PRODUCT RANGE



JDW Series
Deep Well Jet Pumps
P.g.No: 44



JSW Series
Shallow well Jet Pumps
P.g.No: 45



AMC & ABC Series
Mono & Borewell Compressors
P.g.No: 46

PRODUCT RANGE



Surva Series
Non-clog Self Priming Pumps
P.g.No: 59



Surva-H Series
Non-clog Self Priming Pumps
P.g.No: 60



ESD Series
Non Clog Self Priming Centrifugal Pumps
P.g.No: 61



Simpo Series
Swimming Pool Pump
P.g.No: 47



BlaZy Series
Hot Water Circulatory Pumps
P.g.No: 48



ZinGo Series
Mini Waste Water Pump
P.g.No: 50



ESAR Series
End Suction Centrifugal Pumps
P.g.No: 62



ESAM Series
End Suction Centrifugal Pumps
P.g.No: 64



WDP Series
Well Point De-Watering Pumps
P.g.No: 65



SenDra Series
Waste Water Submersible Pumps
P.g.No: 51



BloRa Series
Waste Water Submersible Pumps
P.g.No: 52



BloRa-D Series
Waste Water Submersible Pumps
P.g.No: 54



IS Series
In-line Single Stage Vertical Pumps
P.g.No: 66



AHS Series
Horizontal Splitcase Pumps
P.g.No: 66



AHM Series
Horizontal Multistage Pumps
P.g.No: 67



Hynox Series
SS Waste Water Submersible Pumps
P.g.No: 56



Jawa Series
Waste Water Pumps With Cutter
P.g.No: 57



Fango Series
Mud Monoblock Pump
P.g.No: 58



Induction Motor
P.g.No: 67



APCX Series
PP Chemical Pumps
P.g.No: 68



APMD Series
Sealless Magnetic Drive Chemical Pumps
P.g.No: 69

PRODUCT RANGE



Chemical Pumps
P.g.No: 70



BL Series
Barell Pumps
P.g.No: 71



PD Series
Positive Displacement Pumps
P.g.No: 72

PRODUCT RANGE



RO Control Panels
P.g.No: 84



Submersible / UG & Solar Cables
P.g.No: 85



Primo/Nano/MED/STD/HVY/S.HVY
uPVC Column Pipes
P.g.No: 86



RGP Series
Rotary Gear Pumps
P.g.No: 74



Rodos Series
RO Dosing Pump
P.g.No: 75



CDOS Series
Plunger Pumps
P.g.No: 76



Submersible Pumpsets- India



Stainless Still Deep Well
Submersible Pumps- Alinox Series



Water Cooled Rewindable
Submersible Motors- Aqua Series



CDOS Series
Hydraulic Diaphragm Pump
P.g.No: 77



CDOS Series
Mechanically Diaphragm Pumps
P.g.No: 78



CAG Series
Agitators
P.g.No: 79



Casted SS Submersible Pumps-
Maxie Series



Cast Iron Submersible Pumps-
Maxie Blue Series



Oil Filled Motor- Lavo Series



ROLON Series
Flexible Hose
P.g.No: 80



EP & Savia Series
Pressure Controller & Float Switch
P.g.No: 81



Control Panels
P.g.No: 82



BR Series
Vertical Multistage Pumps



BM Series
Horizontal Multistage Pumps

Refer individual catalogue for
detailed specifications and performance.

SELF PRIMING REGENERATIVE PUMPS

**Lima/Milano
Ryno/Chutti**
SERIES

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	3.5 to 57lpm

Operating Conditions

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

Materials of Construction

Motor Body	Aluminum
Pump Casing &bracket	Cast iron
bearing	Double sealed precision ball bearing
Impeller	Forged Brass
Mechanical Seal	Carbon vs Ceramic
Shaft	SS 410 / EN-8

Applications

Residential
Pressure Boosting
Gardens
Water Treatment
Washing Systems

SUPER SUCTION SELF PRIMING PUMPS

**Magni
Aixer**
SERIES

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 45m
Flow Range	7 to 63lpm

Materials of Construction

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

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	Phase	Pump Size (mm)	Discharge In lpm	Head in meter									
						6	9	12	15	18	24	30	39	45	50
Chutti 50	0.5	0.37	1Ph	25 x 25		28	23	18	14	9					
LIMA 50	0.5	0.37	1Ph	25 x 25		30	27	23	18	11	3				
MILANO 50	0.5	0.37	1Ph	25 x 25		36	33	28	23	12	9	4			
RYNO 50	0.5	0.37	1Ph	25 x 25		42	39	32	29	23	15	5			
LIMA 100	1	0.75	1Ph	25 x 25		48	43	41	37	34	27	20			
RYNO 100	1	0.75	1Ph	25 x 25		57	55	52	48	44	38	33	25	15	3

Magni Series : Pump with Aluminium Motor Body

Performance Table: Axer Series - Cast Iron Motor Body

Model	HP	kW	Pump Size (mm)	Phase	Discharge In lpm	Head in meter					
						5	10	15	20	25	30
Axer-50	0.5	0.37	15 x 15	1Ph		25	20	17	13	7	

Axer 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

Special Features



Precisely Balanced Impeller and Shaft



Double Shielded Ball Bearings



Heavy Duty Forged Brass Impeller



Fitted with T.O.P

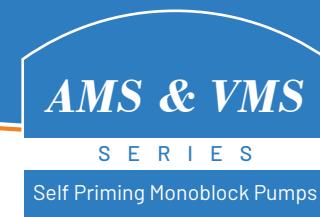


Integrated Quality Control Systems

HIGH PRESSURE SELF PRIMING PUMPS



SELF PRIMING MONOBLOCK PUMPS



Specification

Power	0.5 to 1HP
Speed	2900 rpm
Version	1Ph 230V, 50Hz
Duty	S1 (Continuous)
Protection	IP 44
Insulation Class	B
Inlet & Outlet Size (mm)	15 x 15
Head Range	10 to 92m
Flow Range	4 to 27lpm

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

Motor Body	Cast Iron / Aluminium
Pump Casing & Bracket	Cast Iron
Impeller	Forged Brass
Mechanical Seal	Carbon vs Ceramic
Shaft	SS410

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
JARO 50	0.5	0.37	1Ph	15 X 15	Discharge in lpm	30	23	18	13	9	5	0	0	0
JARO 100	1	0.75	1Ph	15 X 15		36	28	23	22	20	16	12	9	5
JARO 150	1.5	1.1	1Ph	25 x 25		39	31	27	24	21	19	15	11	6

Special Features



Robust Design



High Head Applications



Heavy Duty Forged Brass Impeller



High Temp. upto 120°C

Performance Table- AMS series - 1440rpm

Model	HP	kW	Pump Size (mm)		Head in meter								
					6	12	18	24	27	30	33	39	42
AMS 5L	0.5	0.37	25 x 25	Discharge in lpm	50	38	27	17	10				
AMS 5	0.5	0.37	25 x 25		54	40	29	19	13				
AMS 10	1	0.75	25 x 25		62	58	54	44	40	35	28	22	16
													12

Performance Table- VMS series - 2900rpm

Model	HP	kW	Pump Size (mm)	Head in (m)	Head in meter								
					6	12	18	24	30	35	40	57	
VMS 5	0.5	0.37	25 x 25	Discharge in lpm	50	40	30	20	11				
VMS 10	1	0.75	25 x 25		52	44	42	38	34	30	27	3	

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

S E R I E S

Pressure Boosting System

SINGLE SHOWER BOOSTER PUMPS

Booma

S E R I E S

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

Motor Body	Aluminium
Pump Suction & Delivery	SS 304 / Cast Iron / SS 316
Impeller	SS 304 / SS 316
Mechanical Seal	Carbon vs Ceremic
Shaft	SS 410 / SS 304

Operating Conditions

Max. Liquid Temp.	70°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	No. of Stages	Pump Size (mm)	Head in meters	Discharge in lpm								
						20	40	60	80	100	120	140	150	
PMS4-50	0.5	0.37	3	25 x 25		25	21	17	6					
PMS4-100	1	0.75	4	25 x 25		35	30	26	16	6				
PMS4-150	1.5	1.1	5	25 x 25		41	37	33	29	24	18	6		
PMS4-200	2	1.5	6	25 x 25		52	47	43	37	30	24	14	6	

System Consists of

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

Specification

Power	0.5 HP
Speed	2900 rpm
Version	1Ph 230V , 50Hz
Duty	S1 (Continuous)
Protection	IP 44
Insulation Class	B
Head Range	6 to 24m
Flow Range	10 to 46lpm
Pressure Tank Capacity	2 ltr

Materials of Construction

Motor Body	Cast Iron
Pump Casing & bracket	Cast Iron
Impeller	Forged Brass
Mechanical Seal	Carbon vs Ceremic
Shaft	SS410

Operating Conditions

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

Applications

Residential
Hotels
Showers in Bathrooms

Performance Table

Model	HP	kW	Phase	Pump Size (mm)	Discharge in lpm	Head in meter							
						6	9	12	15	16.5	18	21	24
SSB-050	0.5	0.37	1Ph	25 x 25	Discharge in lpm	33	29	24	20	18	15.5	11	7

Function

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

HORIZONTAL MULTISTAGE PUMPS

VENSA

S E R I E S

Horizontal Multistage Pumps



VERTICAL MULTISTAGE PUMPS

Zala

S E R I E S

Vertical Multistage Pumps



Specification

Power	0.5 to 3HP
Speed	2900rpm
Version	1Ph 230V, 50Hz 3Ph 380V, 50Hz
Duty	S1 Duty
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 Body	SS 304
Impeller	SS 304
Diffuser	Fiber
Shaft	SS 420
Seal	Ceramic vs Aluminia

Applications

Residential & Industrial pressure boosting system
RO Plant
HVAC
Washing System

Specification

Power	2HP
Speed	2900rpm
Version	1Ph 230V, 50Hz
Thermal Overload	Protector
Protection	IP55
Insulation Class	F
Head Range	21 to 112m
Flow Range	up to 66lpm

Operating Conditions

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

Material of Construction

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

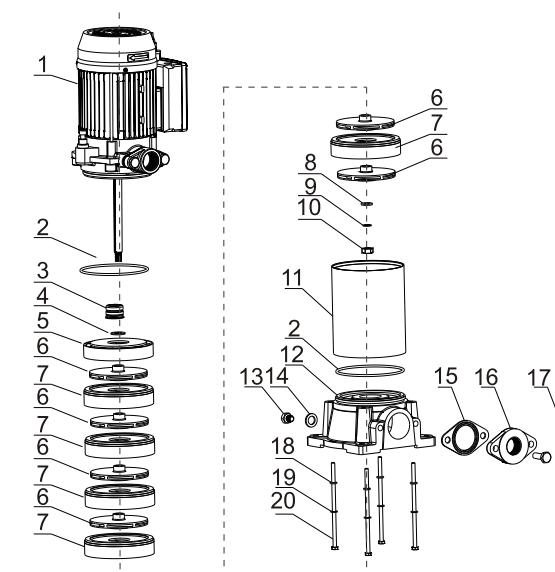
Applications

Reverse Osmosis Plants
Pressure Boosting
HVAC
Fire Fighting
Washing Systems

Performance Table

Model	HP	kW	No of Stages	Pump Size (mm)	Discharge in lpm	Discharge in lpm				
						0	16.6	33.3	50	66.6
Zala-2/09S	2	1.5		25x25		95	82	67	46	21
Zala-2/11S	2	1.5		25x25		112	104	85	59	30

Exploded View



- | | | | |
|----|-----------------|----|---------------|
| 1 | Motor | 11 | Pump Shell |
| 2 | O-Ring | 12 | Inlet flange |
| 3 | Mechanical Seal | 13 | Drain Plug |
| 4 | Impeller pad | 14 | Washer |
| 5 | Last diffusor | 15 | Gasket |
| 6 | Impeller | 16 | Inlet flange |
| 7 | Diffusor | 17 | Bolt |
| 8 | Washer | 18 | Washer |
| 9 | Spring washer | 19 | Spring washer |
| 10 | Nut | 20 | Bolt |

Performance Table

Model	HP	kW	No of Stages	Pump Size (mm)	Discharge in lpm	Discharge in lpm					
						5	10	20	30	35	40
Vensa-4/02	0.75	0.55	2	25 x 25		22	21	19	15	13	11
Vensa-4/03	1	0.75	3	25 x 25		33	32	30	26	24	22
Vensa-4/04	1.2	0.92	4	25 x 25		44	43	39	35	32	27
Vensa-4/05	1.5	1.1	5	25 x 25		53	51	47	42	38	34
Vensa-4/06	2	1.5	5	25 x 25		72	68	65	58	50	40

Model	HP	kW	No of Stages	Pump Size (mm)	Discharge in lpm	Discharge in lpm					
						15	30	45	60	75	90
Vensa-6/03	1	0.75	3	32 x 32		41	39	36	34	31	27
Vensa-6/04	1.5	1.1	4	32 x 32		54	51	48	44	39	33
Vensa-6/05	2	1.5	5	32 x 32		68	65	60	55	49	41
Vensa-6/06	3	2.2	5	32 x 32		81	78	74	68	60	52

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

MONOBLOCK PUMPS

ManZy

S E R I E S

Monoblock Pump



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
Protection	IP 44
Insulation Class	B
Head Range	5 to 52m
Flow Range	15 to 1770lpm

Operating Conditions

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

Performance Table - South Region

Model	HP	kW	Pump Size (mm)	Head in meter															
				4	6	8	10	12	14	16	18	20	22	24	26	28	34	36	38
Pintu-50	0.5	0.37	25 x 25			120	115	105	90	70									
Pintu-50H	0.5	0.37	25 x 25				115	110	100	95	70	50							
MLP-5/05S	0.5	0.37	25 x 25			130	120	96	60	50									
MCP-5/05S	0.5	0.37	25 x 25			130	120	96	60	50									
MLP-10/05S	0.5	0.37	40 x 40			270	238	185	100										
MCP-10/05S	0.5	0.37	40 x 40			270	238	185	100										
MLP-5/07S	0.75	0.55	25 x 25			130	120	108	95	88	78	50	40	24					
MCP-5/07S	0.75	0.55	25 x 25			130	120	108	95	88	78	50	40	24					
MLP-6/07S	0.75	0.55	32 x 25			150	130	125	110	102	70	34							
MCP-6/07S	0.75	0.55	32 x 25			150	130	125	110	102	70	34							
MLP-6/07S	0.75	0.55	32 x 25			150	130	125	110	102	70	34							
MCP-6/07S	0.75	0.55	32 x 25			150	130	125	110	102	70	34							
MLP-10/07S	0.75	0.55	40 x 40			270	238	185	80										
MCP-10/07S	0.75	0.55	40 x 40			126	120	114	107	98	87	63	57	40					
MLP-5/10SE	1	0.75	25 x 25			116	110	108	94	87	78	50	46	24					
MCP-5/10SE	1	0.75	25 x 25			126	120	114	110	98	87	64	50	40					
MLP-8/10S	1	0.75	25 x 25			126	120	114	110	98	87	64	50	40					
MCP-8/10S	1	0.75	25 x 25			126	120	114	110	98	87	64	50	40					
MLP-9/10S	1	0.75	32 x 25			150	130	125	110	105	100	45	38						
MCP-9/10S	1	0.75	32 x 25			150	130	125	110	105	100	45	38						
MCC-13/10S	1	0.75	40 x 40			273	207	205	191	163									
MCC-14/10S	1	0.75	50 x 40				345	262	207	125	75								
MCC-18/10S	1	0.75	50 x 50				390	348	213	130									
MCC-40/10S	1	0.75	80 x 80			783	660	390											
MCC-8/15S	1.5	1.1	32 x 25								175	174	173	172	171	135	113	88	
MCC-10/15S	1.5	1.1	40 x 40								167	160	152	143	133	117			
MCC-16/15S	1.5	1.1	50 x 40								408	370	295	173					
MCC-18/15S	1.5	1.1	50 x 50								442	360	274	168					
MCC-22/15S	1.5	1.1	65 x 50								452	420	390	335	197				
MCC-28/15S	1.5	1.1	80 x 80								561	462							
MCC-10/20S	2	1.5	40 x 40								360	350	335	315	295	240	190	95	
MCC-12/20S	2	1.5	50 x 40								430	415	390	350	310	235	110		
MCC-21/20S	2	1.5	50 x 50								515	474	413	342	270				
MCC-24/20S	2	1.5	65 x 50								534	492	473	450	408	335			
MCC-30/20S	2	1.5	80 x 80								852	767	697	647					

MONOBLOCK PUMPS

ManZy

S E R I E S

Monoblock Pump

Materials of Construction

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

Applications

Residential	Small Farms
Domestic water supply	Agriculture
Gardens	Industrial Application

Performance Table - North Region

Model	HP	kW	Pump Size (mm)	Head in meter								

MONOBLOCK PUMPS



Specification

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

Operating Conditions

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

Materials of Construction

Motor Body	Cast Iron
Pump Casing & bracket	Cast Iron
Bearing	Ball Bearing SKF
Impeller	Cast Iron / Bronze
Sealing	Gland Packing / Mech. Seal
Shaft	EN-8

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		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						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									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									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								

<tbl_r cells="18" ix="5"

STAINLESS STEEL MONOBLOCK PUMPS

CMS
SERIES

Stainless Steel Monoblock Pumps



Specification

Power	0.5 to 4 HP
Speed	2900 rpm
Protection	IP 55 / IP 54
Insulation Class	F / B
Version	1Ph 230V, 50Hz (PSC) Inbuilt with T.O.P. 3Ph 380-415V, 50Hz
Duty	S1 (Continuous)
Delivery Size	1" & 1 1/4"

Operating Conditions

Head Max	35m
Suction Lift	7m (Max)
Max. Liquid Temp.	+5°C ~ +60°C
Max. Ambient Temp.	50°C

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-5/03S	0.5	0.37	32 x 25	Discharge in lpm	108	75	33							
CMS-6/05S	0.75	0.55	32 x 25		100	66	25							
CMS-8/07S	1	0.75	32 x 25		116	83	50							
CMS-7/10S	1.3	1	32 x 25		136	120	101	83	53					
CMS-8/11S	1.5	1.1	32 x 25		150	108	66							
CMS-8/15S	2	1.5	32 x 25		166	133	100	58						
CMS-8/18S	2.5	1.8	32 x 25		149	133	113	83	50					
CMS-10/18S	2.5	1.8	40 x 32		174	133	83							

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

Materials of Construction

Pump Casing	SS 304
Motor Body	Aluminium
Impeller	SS 304
Shaft	SS 304 + Carbon Steel
Mechanical Seal	Carbon vs Ceramic

Applications

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

CENTRIFUGAL MONOBLOCK PUMPS

(DIN Standard)

CM & CMS
SERIES

Centrifugal Monoblock Pumps



Specification

	CM SERIES	CMS SERIES
Power	3 to 40 HP	1.5 to 25 HP
Speed	2900rpm	2900rpm
Version	3Ph 380V-415V, 50Hz	
Degree of protection	IP 55	IP 55
Class of insulation	F / B	F / B
Type of Duty	S1	S1
Head range	10 to 95m	8 to 73m
Flow range	150 to 4100lpm	50 to 160lpm

Materials of Construction

CM SERIES	CMS SERIES	CM SERIES	CMS SERIES
Pump Casing	Cast Iron	SS 304 / SS316	
Motor Body	Aluminium / Cast Iron	Aluminium / Cast Iron	
Impeller	Cast Iron / Bronze	SS 304 / SS316	
Shaft	SS 420	SS 304	
Seal	Carbon vs Ceramic	Carbon vs Ceramic	

Operating Conditions

	CM SERIES	CMS SERIES	Applications
Suction lift	7m	7m	Industrial Water Supply
Max. Liquid Temp.	90°C	70°C	Food Process Industry
Max.Ambient Temp.	40°C	40°C	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		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
CM-40/160C	4	3		22	21	21	21	21	20	20	19	18	18		
CM-40/160B	5.5	4		28	27	27	26	26	25	25	24	23	23	21	
CM-40/160A	5.5	4		36	36	36	35	35	34	34	32	32	30	28	
CM-40/160	10	7.5		44	44	44	43	43	42	42	41	40	37		

CENTRIFUGAL MONOBLOCK PUMPS

CM

S E R I E S

Monoblock Pumps

SS CENTRIFUGAL MONOBLOCK PUMPS

CMS

S E R I E S

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-50/125B	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	12.5	9.3		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	63.5	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	7.5	5.5			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	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		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

CMS SERIES - SS PUMPS

Model	HP	kW		Discharge in lpm						
				50	100	150	200	250	300	360
CMS-32/160B	1.5	1.1		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			
<tbl_info cols

HORIZONTAL OPENWELL PUMPS



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 855lphm

Operating Conditions

Max. Liquid Temp.	40°C
-------------------	------

Performance Table - North Region

Model						Head in meter											
						5	8	10	12	15	20	22	25	28	35	40	45
HPP-5/05NG	---	0.5	0.37	1ph	25 x 25	135	125	110	90	60							
HPC-6/05G	---	0.5	0.37	1ph	25 x 25	170	140	125	110	75							
HPC-8/10SNG	HPC-8/10SNGA	1	0.75	1ph	25 x 25	240	205	200	185	150	100	90					
HPC-9/10SHG	HPC-9/10SHGA	1	0.75	1ph	25 x 25			240	200	165	130	85					
HPC-25/10SG	HPC-25/10SGA	1	0.75	1ph	50 x 50	460	405	320	240								
HPC-12/15SG	HPC-12/15SGA	1.5	1.1	1ph	40 x 40			250	230	195	170	135	90				
HPC-13/20SG	HPC-13/20SGA	2	1.5	1ph	40 x 40			380	355	250	220	180	100				
HPC-15/20SG	HPC-15/20SGA	2	1.5	1ph	50 x 50			380	355	250	220	180	100				
HPCD-12/20SG	---	2	1.5	1ph	50 x 50			225	210	185	170	162	155	135	115	85	50
HPC-20/30SG	HPC-20/30SGA	3	2.2	1ph	65 x 50	550	500	465	435	395	280	240	150				

Performance Table - South Region

Model					Discharge in lpm	Head in meter							
						5	10	15	20	25	30	35	40
Jumpa-50	0.5	0.37	1Ph	25 x 25	143	110	79	27					
HPP-5/05S	0.5	0.37	1Ph	32 x 25	160	120	63	10					
HPS-7/10S	1	0.75	1Ph	32 x 25	175	147	116	67					
HPS-8/10S-H	1	0.75	1Ph	32 x 25	184	168	148	113	53				
HPS-9/15S	1.5	1.1	1Ph	32 x 25	190	175	160	153	136	105	60		
HPC-11/15S	1.5	1.1	1Ph	40 x 40	266	240	218	190	165	110			
HPC-13/15S	1.5	1.1	1Ph	50 x 50	500	480	350	240					
HPC-15/20S	2	1.5	1Ph	40 x 40		218	211	191	86				
HPC-22/20S	2	1.5	1Ph	50 x 50	528	500	380	270					
HPC-14/30S	3	2.2	1Ph	40 x 40	365	340	310	280	250	200	115		
HPC-18/30S	3	2.2	1Ph	50 x 50			465	415	350	155	95		
HPC-25/30S	3	2.2	1Ph	65 x 50		855	675	450	190				

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	51 to 207lpm

Materials of Construction

Casing	Cast Iron
Motor Body	SS 304
Pump Casing &bracket	SS 304
Impeller	SS 304
Shaft	SS 410

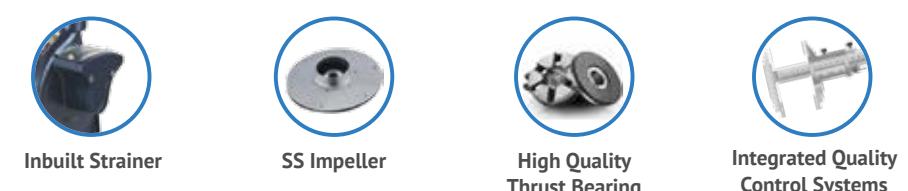
Operating Conditions

Max. Liquid Temp.	40°C
-------------------	------

Performance Table

Model						Head in meter					
						10	15	20	25	30	35
XS-7/10SM	1	0.75	32 x 25	1ph		189	173	151	118	58	
XS-8/10S	1	0.75	32 x 25	1ph		178	151	118	70		
XS-9/15S	1.5	1.1	32 x 25	1ph		208	190	170	153	97	52

Special Features



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	10 to 35m
Flow Range	56 to 218lpm

Operating Conditions

Max. Liquid Temp.	40°C
-------------------	------

Materials of Construction

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

Applications

Residential
Food Processing
Fountains

HORIZONTAL MULTISTAGE OPENWELL PUMPS



Specification

Power	0.5 to 1.5 HP
Version	1Ph 230V,AC Supply
Speed	2900rpm
Duty	S1 (Continuous)
Insulation Class	B
Head Range	5 to 70m
Flow Range	41 to 162lpm

Operating Conditions

Max. Liquid Temp.	40°C
-------------------	------

Material of Construction

Casing	SS304
Motor Body	SS304
Impeller	Noryl
Pump shaft	SS304
Motor Shaft	SS 410
Bearing	High Quality Thrust Bearing
Seal	Oil Seal

Applications

Sprinkler system
Fountain
Pressure Boosting
Residential

Performance Table

Model	HP	kW	Stage	Del Size (mm)	Phase	Discharge in lpm	Head in meter							
							10	15	20	25	30	35	40	50
HM5-4/05S	0.5	0.37	5	32	1ph	162	93	83	71	61	41			
HM7-5/10S	1	0.75	7	32	1ph	102	96	88	80	75	65	41		
HM9-6/15S	1.5	1.1	9	32	1ph	101	95	91	85	78	66	50	41	

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)



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	12 to 46m
Flow Range	300 to 1930lpm

Operating Conditions

Max. Ambient Temp.

40°C

Materials of Construction

Bearing Housing	Cast Iron
Rotor Shaft	SS410
Stage Casing	Cast Iron
Pump Shaft	EN-8
Impeller	Cast Iron

Application

Agriculture
Residential

Performance Table

Model	HP	kW	Pump Size (mm)		Head in meter															
					8	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40
HM-30/30TG	3	2.2	65X50	Discharge in lpm			520	500	490	440	400	340	180							
HM-36/30TG	3	2.2	65X65		700	660	610	540	460	360										
HM-30/50TG	5	3.7	65X50					570	530	500	470	430	330	180						
HM-27/50THG	5	3.7	65X50						540	510	470	420	390	360	300	240	180			
HM-35/50TG	5	3.7	65X65						880	810	740	690	650	560	500	360				
HM-52/50TG	5	3.7	80X80							1160	1050	980	870	650	510					
HM-75/50TG	5	3.7	100X100																	
HM-37/75TG	7.5	5.5	65X50																	
HM-35/75THG	7.5	5.5	65X50																	
HM-36/75TG	7.5	5.5	65X65																	
HM-38/75TG	7.5	5.5	80X65																	
HM-68/75TG	7.5	5.5	80X80																	
HM-70/75TG	7.5	5.5	100X80																	
HM-72/75TG	7.5	5.5	100X100																	
HM-72/100TG	10	7.5	100X80																	
HM-75/100TG	10	7.5	100X100																	
Model	HP	kW	Pump Size (mm)		Head in meter															
					20	28	32	36	40	44	48	50	52	56	58	62	66	70	74	80
HM-54/100TG	10	7.5	65X50	Discharge in lpm					850	815	785	770	705	580	510					
HM-58/100TG	10	7.5	80X65						810	770	695	540								
HM-60/100TG	10	7.5	80X80						810	770	695	540								
HM-60/125TG	12.5	9.3	65X50																	
HM-36/125THG	12.5	9.3	65X50																	
HM-75/125TG	12.5	9.3	80X65																	
HM-60/150TG	15	11	65X50																	
HM-57/125TG	15	11	80X65																	
HM-99/150TG	15	11	100X80																	
HM-46/200TG	20	15	65X50																	
HM-97/200TG	20	15	100X80																	

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	15 to 105 lpm

Operating Conditions

Max. Liquid Temp.

40°C

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		
VP5-4/07S	0.75	0.55	1Ph	25		90	70	48				
VP6-4/10S	1	0.75	1Ph	25		96	78	63	39			
VP7-4/10S	1	0.75	1Ph	25		98	80	66	48	21		
VP8-5/10S	1	0.75	1Ph	25		99	82	69	52	30		
VP9-5/10S	1	0.75	1Ph	25		99	85	72	56	39	15	
VP10-5												

VERTICAL OPENWELL PUMPS



VERNA

S E R I E S

Vertical Openwell Pumps (3Ph)

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
------------------	------

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

Agriculture	Irrigation
Springer system	Mines

Performance Table

Model	Motor Rating		Stages	CONN	DeLsize in mm		Discharge in lpm							
	HP	kW					0	45	65	90	110	125	150	180
VS4-7/30	3.0	2.2	4	DOL	50	Total head in mtr	76	72	68	64	60	56	48	32
VS6-7/50	5.0	3.7	6	DOL	50		114	108	102	96	90	84	72	48
VS9-7/75	7.5	5.5	9	S/D	50		171	162	153	144	135	126	108	72

Model	Motor Rating		Stages	CONN	DeLsize in mm		Discharge in lpm							
	HP	kW					0	60	90	115	130	145	170	200
VS3-8/30	3.0	2.2	3	DOL	50	Total head in mtr	60	54	51	48	45	42	36	24
VS5-8/50	5.0	3.7	5	DOL	50		100	90	85	80	75	70	60	40
VS7-8/75	7.5	5.5	7	S/D	50		140	126	119	112	105	98	84	56
VS8-8/75	7.5	5.5	8	S/D	50		160	144	136	128	120	112	96	64

Model	Motor Rating		Stages	CONN	DeLsize in mm		Discharge in lpm							
	HP	kW					0	100	140	175	200	220	240	270
VS4-12/50	5	3.7	4	DOL	50	Total head in mtr	80	73	68	64	60	54	44	32
VS6-12/750	7.5	5.5	6	S/D	50		120	110	102	96	90	81	66	48
VS8-12/100	10	7.5	8	S/D	50		160	146	136	128	120	108	88	64

Model	Motor Rating		Stages	CONN	DeLsize in mm		Discharge in lpm							
	HP	kW					0	140	200	250	290	370	500	550
VS2-17/30	3.0	2.2	2	DOL	65	Total head in mtr	36	35	33	31	30	26	20	16
VS3-17/50	5.0	3.7	3	DOL	65		54	53	50	47	45	39	30	24
VS5-17/75	7.5	5.5	5	S/D	65		90	88	83	78	75	65	50	40

Model	Motor Rating		Stages	CONN	DeLsize in mm		Discharge in lpm							
	HP	kW					0	270	325	365	410	480	590	650
VS4-25/75	7.5	5.5	4	S/D	65	Total head in mtr	74	70	64	62	60	52	40	32

Model	Motor Rating		Stages	CONN	DeLsize in mm		Discharge in lpm							
	HP	kW					0	350	425	475	510	570	650	750
VS2-31/50	5	3.7	2	DOL	65	Total head in mtr	35	33	32	31	30	27	23	16
VS3-31/75	7.5	5.5	3	S/D	65		53	50	48	47	45	41	35	24

Model	Motor Rating		Stages	CONN	DeLsize in mm		Discharge in lpm							
HP	kW	0	460	530	560	640	700	840	890					
<tbl_info cols="1

VERTICAL OPEN WELL PUMPS

VERNA

S E R I E S

Vertical Openwell Pumps (3Ph)

SUMP PUMPS

BenZa

S E R I E S

SUMP PUMPS



Model	Motor Rating		Stages	CONN	DeLsize in mm		Discharge in lpm							
	HP	kW					0	650	810	880	895	920	960	1000
VS2-54/100	10	7.5	Total head in mtr	S/D	75		51	41	35	33	31	29	28	25
VS3-54/150	15	11		S/D	75		77	62	53	50	47	44	42	38
VS4-54/200	20	15		S/D	75		102	82	70	66	62	58	56	50
VS5-54/250	25	18.5		S/D	75		128	103	88	83	78	73	70	63
VS6-54/300	30	22		S/D	75		153	123	105	99	93	87	84	75
VS7-54/350	35	26		S/D	75		179	144	123	116	109	102	98	88
VS8-54/400	40	30		S/D	75		204	164	140	132	124	116	112	100
VS9-54/450	45	33.5		S/D	75		230	185	158	149	140	131	126	113
VS10-54/500	50	37		S/D	75		255	205	175	165	155	145	140	125

Model	Motor Rating		Stages	CONN	DeLsize in mm		Discharge in lpm							
	HP	kW					0	720	910	1000	1050	1200	1300	1370
VS2-63/125	12.5	9.3	Total head in mtr	S/D	100		51	41	35	33	31	29	28	25
VS3-63/200	20	15		S/D	100		77	62	53	50	47	44	42	38
VS4-63/250	25	18.5		S/D	75		102	82	70	66	62	58	56	50
VS5-63/300	30	22		S/D	75		128	103	88	83	78	75	70	65
VS6-63/350	35	26		S/D	75		153	123	105	99	93	87	84	75
VS8-63/450	45	33.5		S/D	75		204	164	140	132	124	116	112	100

Model	Motor Rating		Stages	CONN	DeLsize in mm		Discharge in lpm							
	HP	kW					0	600	800	1000	1200	1300	1500	1750
VS2-72/125	12.5	9.3	Total head in mtr	S/D	100		48	46	42	40	36	32	28	22
VS3-72/250	25	18.5		S/D	100		72	69	63	60	54	48	42	33
VS4-72/300	30	26		S/D	100		96	92	84	80	72	64	56	44
VS5-72/400	40	30		S/D	100		120	115	105	100	90	80	70	55
VS6-72/450	45	33.5		S/D	100		144	138	126	120	108	96	84	66

Model	Motor Rating		Stages	CONN	DeLsize in mm		Discharge in lpm							
	HP	kW					0	915	1090	1660	1850	2090	2230	2300
VS1-110/100	10	7.5	Total head in mtr	S/D	100		28	24	23	20	18	15	13	10
VS2-110/200	20	15		S/D	100		56	48	46	40	36	30	26	20
VS3-110/300	30	22		S/D	100		84	72	69	60	54	45	39	30
VS4-110/400	40	30		S/D	100		112	96	92	80	72	60	52	40
VS5-110/500	50	37		S/D	100		140	120	115	100	90	75	65	50

Model	Motor Rating		Stages	CONN	DeLsize in mm		Discharge in lpm							
	HP	kW					0	970	1280	1850	2320	2520	2650	2750
VS1-140/125	12.5	9.3	Total head in mtr	S/D	100		27	25	23	20	18	15	12	11
VS2-140/250	25	18.5		S/D	100		54	50	46	40	36	30	24	22
VS3-140/350	35	26.1		S/D	100		81	75	69	60	54	45	36	33
VS4-140/500	50	37		S/D	100		108	100	92	80	72	60	48	44

<table border

4" SUBMERSIBLE PUMPSET

JEETO

S E R I E S

4" SUBMERSIBLE PUMPSET



Specification

Power	0.5 to 1.5HP
Nominal Outlet size	25mm / 32mm / 40mm
Speed	2880rpm
Head Range	8 to 120m
Flow range	20 to 160lpm
Version	1ph, 180 - 230V
Degree of protection	IP 58
Duty	S1continuous
Max. Starts per hour	12 nos
Min. cooling flow	0.15m/s

Operating Conditions

Max. Liquid Temp.	Up to 35° C
-------------------	-------------

Performance Table

Model	Power		No of stages	Outlet Size (mm)	Head in meter	Discharge in lpm						
	HP	kW				20	27	32	36	40	47	56
JEETO-05/8	0.5	0.37	8	32		48	42.5	39.5	37.2	32	25.2	16
JEETO-05/10	0.5	0.37	10	32		50	45	42	40	35	25	15
JEETO-07/12	0.75	0.55	12	25		60	54	50	48	45	30	18
JEETO-10/15	1	0.75	15	25		80	76	73.8	68.4	58.6	43.5	30
JEETO-15/24	1.5	1.1	24	25		120	108	100	95	84	59	36.5

Model	Power		No of stages	Outlet Size (mm)	Head in meter	Discharge in lpm										
	HP	kW				22	30	37	50	58	65	80	96	105	115	130
JEETO-05/6	0.5	0.37	6	32		33	30	27	24	18	12	6				
JEETO-07/8	0.75	0.55	8	25		44	40	36	32	24	16	8				
JEETO-10/8	1	0.75	8	32		43	40.5	39	38	35	30.05	27.2	24	16	8	
JEETO-10/10	1	0.75	10	32		55	50	45	40	30	20	10				
JEETO-10/12	1	0.75	12	32		66	60	54	48	36	24	12				
JEETO-15/12	1.5	1.1	12	32		66	64.25	65	58.8	50.7	50.7	45.12	40.8	36	24	12
JEETO-15/15	1.5	1.1	15	32		82	75	67	60	45	30	15				
JEETO-15/18	1.5	1.1	18	32		99	90	77.4	46.8	32.4	18					

Model	Power		No of stages	Outlet Size (mm)	Flow (lpm)	Discharge in lpm						
	HP	kW				40	70	90	110	130	145	160
JEETO-07/5	0.75	0.55	5	40		27	25	22	20	15	10	5
JEETO-10/6	1	0.75	6	40		35	30	27	24	18	12	6
JEETO-15/8	1.5	1.1	8	40		44	40	36	32	24	16	8
JEETO-15/10	1.5	1.1	10	40		55	50	45	40	30	20	10

4" SUBMERSIBLE PUMPSET

X-Ora

S E R I E S

4" Oilfilled Pumpset



Specification

Power	0.5 to 3 HP
Version	1Ph 230V, 50Hz
Starting Method	AC Supply Inbuilt TOP
Insulation Class	F
Bearing	upto 1.5Top (6203) & Bottom (6203) from 2.0 Bottom (6304) & top (6203) from 2.0/25 top (6203) bearings -2 nos
Cable Lead out-Algo Brand	up to 1.0 b 1.5 sqmm2 Mtrs-From 1.5 HP 2.5 sqmm

Operating Conditions

Max. Liquid Temp.	Up to 35° C
-------------------	-------------

Applications

Agriculture
Residential

Performance Table

Models	Core Length in mm	Duty point Amps	HP	Stage	Outlet in mm	Duty Head Mtr.	Duty Discharge lpm
X-Ora-0.5/6	50	4.5			6	32	24
X-Ora-0.5/7	50	4.5	0.5		7	32	28
X-Ora-0.5/8	50	4.5		8	32	32	40
X-Ora-0.75/8	70	6	0.75		8	32	68
X-Ora-0.75/10	70	6		10	32	40	45
X-Ora-1.0/8	100	6.5		8	32	32	70
X-Ora-1.0/10	100	6.5	1	10	32	40	70
X-Ora-1.0/12	100	6.5		12	32	48	45
X-Ora-1.0/15	125	7		14	32	60	35
X-Ora-1.0/18	125	7	1.5	18	32	72	35
X-Ora-1.0/20	180	8		20	32	80	35
X-Ora-1.5/10	180	8		10	40	40	90
X-Ora-1.5/12	180	8	1.5	12	32	48	70
X-Ora-1.5/15	180	10		15	32	60	70
X-Ora-1.5/18	180	10	1.5	18	32	70	45
X-Ora-1.5/21	180	10		21	32	80	45
X-Ora-1.5/24	225	12		24	32	96	35
X-Ora-2.0/10	225	12	2	10	40/50*	40	130
X-Ora-2.0/15	225	12		15	40	60	90
X-Ora-2.0/20	225	14		20	32	80	70
X-Ora-2.0/22	225	14	2	22	32	88	45
X-Ora-2.0/25	260	14		25	32	100	45
X-Ora-2.0/30	260	14	2	3			

SOLAR SUBMERSIBLE PUMPS

SUN
SERIES

Solar Submersible Pumps



Specification

Pump sets	0.37 kW to 38 kW
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

Operating Conditions

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

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

Applications

Domestic water supply
Irrigation
Sprinkler system



SOLAR SUBMERSIBLE PUMPS

SUN
SERIES

Solar Submersible Pumps

AC Solar Pumping System

Model	Motor Power HP	Std Voltage	Phase	Stage	H max	DUTY POINT		Total Solar PV array (Watts)	Total Solar PV array (Watts)
						Head in mtrs	Flow in LPH		
A4L-10T-4S05	1	110	3Ph	9	45	30	5000	1200	1200
A4L-10T-4S03		110	3Ph	14	60	50	3000	1200	1200
A4L-10T-4S02		110	3Ph	18	90	70	2000	1200	1200
A4L-20T-6S09	2	220	3Ph	3	30	20	9000	1800	1800
A4L-20T-4S08		220	3Ph	10	45	30	8000	1800	1800
A4L-20T-4S05		220	3Ph	13	70	50	5000	1800	1800
A4L-20T-4S03		220	3Ph	22	90	70	3000	1800	1800
A4L-30T-6S30	3	380	3Ph	3	30	20	30000	3000	3000
A4L-30T-6S09		380	3Ph	5	45	30	9000	3000	3000
A4L-30T-4S08		380	3Ph	15	70	50	8000	3000	3000
A4L-30T-4S05		380	3Ph	24	90	70	5000	3000	3000
A4L-50T-6S30	5	380	3Ph	3	30	20	30000	4800	4800
A4L-50T-6S30H		380	3Ph	4	40	30	30000	4800	4800
A6L-50T-6S09		380	3Ph	8	65	50	9000	4800	4800
A6L-50T-6S09H		380	3Ph	10	85	70	9000	5040	5040
A6L50T-4S05		380	3Ph	33	150	100	5000	5040	5040
A6L-75T-6S46	7.5	380	3Ph	3	32	20	46000	7200	7200
A6L-75T-6S30		380	3Ph	5	45	30	30000	7200	7200
A6L-75T-6S17		380	3Ph	9	65	50	17000	7200	7200
A6L-75T-6S17H		380	3Ph	11	95	70	17000	7500	7500
A6L-75T-6S09		380	3Ph	13	120	100	9000	7500	7500
A6L-100T-6S60	10	380	3Ph	4	35	20	60000	9600	9600
A6L-100T-6S46		380	3Ph	4	45	30	46000	9600	9600
A6L-100T-6S30		380	3Ph	8	75	50	30000	9600	9600
A6L-100T-6S09		380	3Ph	14	120	100	9000	10200	10200
A6L-100T-6S09H		380	3Ph	16	135	120	9000	10200	10200

DC Solar Pumping System

Model	Motor Power HP	Std Voltage	Phase	Stage	H max	DUTY POINT		Total Solar PV array (Watts)
						Head in mtrs	Flow in LPH	
D4L-10T-4S05	1	110	3Ph	9	45	30	5000	1200
D4L-10T-4S03		110	3Ph	14	60	50	3000	1200
D4L-10T-4S02		110	3Ph	18	90	70	2000	1200
D4L-20T-6S09	2	220	3Ph	3	30	20	9000	1800
D4L-20T-4S08		220	3Ph	10	45	30	8000	1800
D4L-20T-4S05		220	3Ph	13	70	50	5000	1800
D4L-20T-4S03		220	3Ph	22	90	70	3000	1800
D4L-30T-6S30	3	380	3Ph	3	30	20	30000	3000
D4L-30T-6S09		380	3Ph	5	45	30	9000	3000
D4L-30T-4S08		380	3Ph	15	70	50	8000	3000
D4L-30T-4S05		380	3Ph	24	90	70	5000	3000
D4L-50T-6S30	5	380	3Ph	3	30	20	30000	4800
D4L-50T-6S30H		380	3Ph	4	40	30	30000	4800
D4L-50T-6S09		380	3Ph	8	65	50	9000	4800
D4L-50T-6S09H		380	3Ph	10	85	70	9000	5040

Solar Controller Specifications

Model	Motor Rating (kW/HP)	Pump Motor Type (AC/DC)	Motor Voltage	Input DC Voltage Range	Max. O/P Current	Overload Capacity	Protection	Communication
ASPC-01HP-AC-SP-110V-12A-FZ	1	AC	110	160-400 V	12	150% of Rated Current for 1 Minute or 200% for 0.5 Sec.	Double Door IP54	RS-485
ASPC-01HP-DC-12A-FZ	1	DC	110	160-400 V	12			
ASPC-02HP-AC-SP-160 V-12A-FZ	2	AC	160	160-400 V	12			
ASPC-02HP-DC-12A-FZ	2	DC	160	160-400 V	12			
ASPC-03HP-AC-SP-230V-12A-FZ	3	AC	230	160-400 V	12			
ASPC-03HP-DC-SP-230V-12A-FZ	3	DC	230	160-400 V	12			
ASPC-05HP-AC-TP-415V-11A-FZ	5	AC	415	240-800 V	11			
ASPC-05HP-DC-11A-FZ	5	DC	380	240-800 V	11			
ASPC-7.5HP-AC-TP-380V-18 A-FZ	7.5	AC	380	240-800 V	18			
ASPC-7.5HP-AC-TP-380V-18A-FZ	10	AC	380	240-800 V	18			

SELF PRIMING SS JET PUMPS

JS

SERIES

SS Self Priming Jet Pumps

SELF PRIMING JET PUMPS

JB

SERIES

Self Priming Jet Pumps



Specification

Power	0.5 to 1.5 HP
Speed	2900rpm
Protection	IP 54
Insulation Class	B
Versions	1Ph 230V, 50Hz (PSC) Inbuilt with T.O.P 3Ph 380-415V, 50Hz
Duty	S1 (Continuous)
Head Range	10 to 40m
Flow Range	8 to 61lpm

Operating Conditions

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

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

Materials of Construction

Pump Casing	SS 304
Motor Frame	Aluminium
Impeller	SS 304
Shaft	SS 304
Mechanical Seal	Carbon vs Ceramic

Applications

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

Specification

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

Performance Table

Model	HP	kW	Pump Size (mm)		Head in meter						
					10	15	20	25	30	35	40
JB-2-03S/T	0.5	0.37	25x25	Discharge in lpm	40	33	24	15			
JB-3-05S/T	0.75	0.55	25x25		58	53	44	28	17		
JB-3-07S/T	1	0.75	25x25			67	58	42	25		
JB-3-11S/T	1.5	1.1	25x25				68	58	42	25	

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

DEEP WELL JET PUMPS



JDW
SERIES

Deep Well Jet Pumps



SHALLOW WELL JET PUMPS



JSW
SERIES

Shallow well Jet Pumps

Specification

Power	0.5 to 1.5 HP
Speed	2900rpm
Version	1Ph 230V, 50Hz
Protection	IP44
Insulation	B
Type of duty	S1
Head range	12 to 40m
Flow range	7 to 27lpm

Operating Conditions

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

Materials of Construction

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

Applications

Residential	Borewell Pumping
Farms	
Gardens	

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

Operating Conditions

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

Materials of Construction

Motor Body	Cast Iron / Aluminium
Pump Casing	Cast Iron
Impeller	Noryl / Cast iron
Shaft	SS410

Applications

Residential	
Commercial Buildings	
Gardens	
Water Circulating Systems	

Performance Table

Model	HP	kW	Pump Size (mm)	Discharge in lpm	Head in meter									
					12	15	18	21	24	27	30	33	36	40
JDW - 5AB	0.5	0.37	32 X 25		26	17	13	10	7					
JDW - 10 AB	1	0.75	32 X 25		27	25	22	18	15	12	9			
JDW - 10 AC	1	0.75	32 X 25		27	25	22	18	15	12	9			
JDW - 15 AB	1.5	1.1	32 X 25			26	26	23	20	17	14	11	10	
JDW - 10 CC	1	0.75	32 X 25				26	25	22	19	16	14	12	9

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

Performance Table

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

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

Specification

Type	Mono & Borewell Compressor
Power	1 to 2 HP
Max Speed	1440rpm

Performance Table - AMC & ABC Series

Model	HP	KW	No.of. cylender	RPM	Pressure KG /CM2	Inlet Pipe	Out Let Pipe	Jet Pipe	T.Head (M)
AMC - 10	1	0.75	1	1200	7	1/2"	1"	1"	77
AMC -15	1.5	1.1	1	930	7	1/2"	1"	1"	107
AMC - 20	2	1.5	1	775	7	1/2"	1.25 "	1.25 "	137
ABC -20 (Double)	2	1.5	2	620	7	1/2"	1.25 "	1.25 "	183
ABC -30 (Double)	3	2.2	2	725	7	1/2"	1.5 "	1.5 "	198
ABC -50 (Double)	5	3.7	2	925	7	1/2"	1.5"	1.5"	229
ABC -75 (Double)	7.5	5.6	2	725	9	3/4"	2.0 "	2.0 "	259
ABC -100 (Double)	10	7.5	2	925	9	3/4"	2.0 "	2.0 "	290
ABC - 10 (SINGLE)	1	0.75	1	1440	7	1/2"	1 "	1 "	61
ABC - 15 (SINGLE)	1.5	1.1	1	1440	7	1/2"	1"	1"	91
ABC - 20 (SINGLE)	2	1.5	1	1440	7	1/2"	1.25 "	1.25 "	121



Mono & Borewell Compressors



AMC

Applications

Residential
Gardens
Civil Applications

SWIMMING POOL PUMPS



Swimming Pool Pump

Specification

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

Operating Conditions

Max. Liquid Temp. Up to 50° C

Performance Table

Model	HP	kW	Pump Size (mm)	Discharge in lpm	Head in meter						
					4	6	8	10	12	16	18
Simpo-10S	1	0.75	65x65		325	295	250	185	125		
Simpo-15S	1.5	1.1	65x65			370	340	300	255	130	
Simpo-20S	2.0	1.5	65x65			450	425	380	350	230	155
Simpo-30S	3.0	2.2	65x65				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

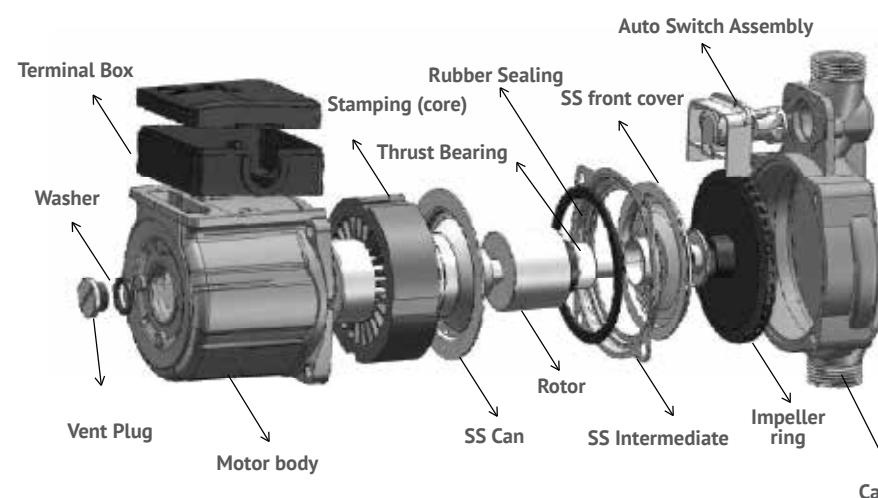
Operating Conditions

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



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. μ F	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

MINI WASTE WATER PUMP

3 in 1 Multi Purpose Utility Pump



Mini Waste Water Pump

SUBMERSIBLE SEWAGE PUMPS



Waste Water Submersible Pumps

Specification

Power Supply	1Ph 230V, 50Hz AC Supply
Speed	2900 rpm
Insulation Class	F Class
Protection	IP 68
Max. Liquid Temp.	40°C
Max. Immersion Depth	7m
Allowable Solid Particles	25mm
Outlet Size	1¼"
Cable	H05RN-F / H07RN-F 3 Core Round Sub. Cable, 10m length

Materials of Construction

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

Operating Conditions

Max. Liquid Temp. Up to 50° C

Applications

Small Sewage Plants
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		220	180	159	130	89	54	
ZINGO-12	900	32		264	240	210	182	152	118	73

Specification

	SenDra Series	SenDra-H Series		
Power	0.5 to 3 HP	2 to 10 HP	Pump Body	Cast Iron
Speed	2900rpm	2900rpm	Impeller	Cast Iron
Version	1Ph 230V, 50Hz	3Ph 380V, 50Hz	Motor Body	SS 304
	3Ph 380V, 50Hz		Shaft	Carbon Steel
Duty	S1 Duty	S1 Duty	Mechanical Seal	Carbon vs Ceramic
Protection	IP68	IP68	Cable	Sic / Hard Alloy
Insulation Class	F	F		8 mtr H07RN-F
Head Range	4 to 18m	12.5 to 35m		8 mtr H07RN-F
Flow Range	55 to 399.8lpm	150 to 1395lpm		

Materials of Construction

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

Operating Conditions

Max. Liquid Temp 50°C

Applications

Sewage treatment plants
Industrial Dewatering
Mines & Civil construction

Performance Table : SenDra

Model	HP	kW	Outlet Size (mm)	Solid Size (mm)		Head in meter								
						4	5	6	8	10	12	14	16	18
SV-3-03S	—	0.5	0.37	32	15	127	90	60						
SV-5-05S	—	0.75	0.55	50	25	220	200	133						
SV-10-07S	SV-10-07T	1	0.75	50	25		233	167	67					
SV-13-11S	SV-13-11T	1.5	1.1	50	25		273	247	220	180	133			
SV-15-15S	SV-15-15T	2	1.5	50	25		413	333	247	167	67			
SV-15-22S	SV-15-22T	3	2.2	65	25				367	283	200	80		

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

* Float switch is available only for 1Ph

Performance Table: SenDra-H

Model	HP	kW	Outlet Size (mm)	Solid Size (mm)		Head in meter								
						12.5	15	17.5	20	22.5	25	27.5	30	35
SD-15/15T	2	1.5	50	25		332	249	160	83					
SD-20/22T	3	2.2	65	30			581	415	299	150				
SD-45/37T	5	3.7	80	30				598	448	315	200			
SD-40/55T	7.5	5.5	80	30					565	465	365	166		
SD-65/75T	10	7.5	100	30					1395	1045	698	249		

WASTE WATER SUBMERSIBLE PUMPS



Specification

Power	2 to 60HP
Speed	1450rpm
Version	3Ph-380V, 50Hz
Duty	S1 Duty
Protection	IP68
Insulation Class	F
Head Range	2 to 55m
Flow Range	60 to 8250lpm

Operating Conditions

Max. Liquid Temp	50°C
	Waste water treatment plants Industral dewatering Pumping municipal sewage water

Special Features

- 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
- Heavu Duty Motor design ensure better life and sturdiness
- Motors are supplied with Temp. Sensors in winding & Moisture Sensors in oil chamber
- Portable/ Fixrd Installation.

Materials of Construction

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

Applications

Waste water treatment plants
Industral dewatering
Pumping municipal sewage water

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		570	480	390	300	200	70						
BloRa I-30DT	3	2.2	50	30		650	600	530	460	400	300	200	100				
BloRa I-50DT	5	3.7	50	30		800	750	690	650	590	450	450	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		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	720				
BloRa I-350GT	35	26	100	60		3225	3150	3000	2850	2700	2475	2250	2025	1725	1350	750			

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		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-100JT	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-500JT	50	37	200	100		8050	7290	6450	5250	3000								
BloRa																		

CONSTRUCTION DE-WATERING PUMPS

BloRa-D

S E R I E S

Waste Water Submersible Pumps



Specification

Power	1 to 50HP
Speed	2900rpm
Version	3Ph 380V, 50Hz
Duty	S1 Duty
Protection	IP68
Insulation Class	F
Head Range	2 to 65m
Flow Range	144 to 8150lpm

Operating Conditions

Max. Liquid Temp	50°C
Building & Construction site	
Mining	
Power & Steel Plant	
Flood	

Materials of Construction

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

Applications

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		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	105	
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	

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
BloRaD -50GT	5	3.7	100	20		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		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



Hynox

S E R I E S

Waste Water Submersible Pumps

WASTE WATER PUMPS WITH CUTTER

Jawa

S E R I E S

WASTE WATER PUMPS WITH CUTTER



Specification

Power	1 to 3 HP
Speed	2900 rpm
Version	1Ph 230V, 50Hz 3Ph 230V, 50Hz
Duty	S1 Duty
Protection	IP68
Insulation Class	B Class
Head Range	1 to 7m
Flow Range	40 to 264 lpm

Operating Conditions

Max. Liquid Temp.	50°C
-------------------	------

Materials of Construction

Motor Housing	SS 304
Pump Body	SS 304
Impeller	SS 304
Shaft	SS 304
Mechanical Seal	Carbon vs Ceramic
Cable	10 mtr H07RNF

Applications

Sewage treatment plants
Industrial Dewatering
Mines & Civil construction

Specification

Power	1 to 7.5 HP
Speed	2900 rpm
Version	1Ph 230V, 50Hz 3Ph 380V, 50Hz
Duty	S1 Duty
Protection	IP68
Insulation Class	F
Head Range	5 to 100 m
Flow Range	86 to 466 lpm

Operating Conditions

Max. Liquid Temp.	50°C
-------------------	------

Materials of Construction

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

Performance Table

Model	Power		Outlet Size(mm)	Solid Size(mm)		Head in meter				
	HP	kW				4	6	8	10	12
Hynox-10	1	0.75	50	5		270	195	90		
Hynox-15	1.5	1.1	50	5			275	201	110	
Hynox-20	2	1.5	50	5				347	260	151
Hynox-30	3	2.2	80	5	Discharge In lpm	583	500	433	333	200

Performance Table

Model	kW	HP	Outlet Size (mm)	Head in meter							
				5	7.5	10	12.5	15	17.5	20	25
SC-10/07S	0.75	1	50	266	216	167					
SC-12/11S	1.1	1.5	50	340	274	216					
SC-15/15S	1.5	2	50	514	450	399	323	230			
SC-25/22T	2.2	3	65		700	561	431	301	196		
SC-45/37T	3.7	5	80			1195	996	813	697	531	265
SC-65/55T	5.5	7.5	100	1660	1460	1286	1130	960	796	498	

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

SELF PRIMING MUD MONOBLOCK PUMPS



Fango
SERIES
Mud Monoblock Pump

NON CLOG SELF PRIMING MUD PUMPS



Surva
SERIES
Non-clog Self Priming Pumps

Specification

Power range	0.5 to 10 HP
Supply	1Ph 230V, 50Hz AC Supply 3Ph 380-415V, 50Hz AC Supply
Speed	2880rpm / 1440rpm
Head Range	3 to 33m
Flore Range	78 to 1834lpm
Solid Handling Capacity	upto 19mm
Motor-Degree of Protection	IP 54
Insulation Class	B

Operating Conditions

Max. Liquid Temp.	Up to 65°C
Max. Ambient Temp.	Up to 40°C

Materials of Construction

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

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)	Discharge lpm	Head in meter									
							3	6	9	12	15	18	20	25	30	33
Fango 0525	0.5	0.37	2800	5.5	25X25		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

Specification

Power	upto 25 HP
Speed	1450 / 2900rpm
Head Range	up to 35m
Flow Range	upto 4150lpm
Solid Handling Capacity	40mm

Operating Conditions

Max. Liquid Temp.	110°C
Suction lift	7.5 mtr

Materials of Construction

Casing	Cast Iron
Impeller	Cast Iron / SS304 / SS316
Shaft	Shaft sleeve
Sealing	Mechanical Seal / Gland Packing

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.

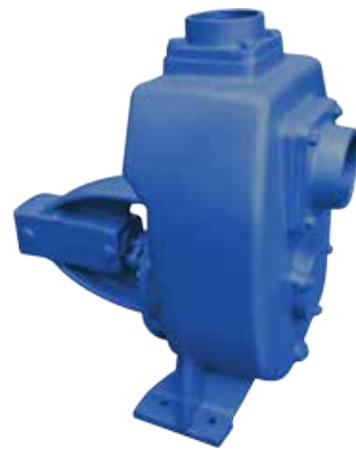
Performance Table

Model	Power		Pump Size (mm)	Solid Size (mm)	Head in mtr	Discharge in lpm										
	HP	kW				50	100	150	200	250	300	400	500	600	750	1000
ASM-32/110M	1	0.5	32	7.5		15	14	12	9							
ASM-40/110M	1.5	1.1	40	12		16	15	14	13	12	10					
ASM-50/120MA	2	1.5	50	10		20	19	18	17	15	14	10				
ASM-50/120M	3	2.2	50	13		20	19	18	17	16	14	10				
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	20	19	15	10	
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 name ends with S - 1Ph & T - 3Ph

Model	Power		Pump Size (mm)	Solid Size (mm)	Head in mtr	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		13	12	12	11	11	9					
ASM-100/250G	10	7.5	100	26				17	16	16						

NON-CLOG SELF PRIMING PUMPS



Surva-H
SERIES
Non-clog Self Priming Pumps

NON CLOG SELF PRIMING CENTRIFUGAL PUMPS



ESD
SERIES
Non Clog Self Priming Centrifugal Pumps

Specification

Power Rating	2 to 50HP
Speed	1450 rpm / 2900 rpm
Version	3Ph-380V, 50Hz
Duty	S1 Duty
Protection	IP68
Insulation Class	F
Head Range	6 to 32 m
Flow Range (lpm)	

Operating Conditions

Max. Liquid Temp	50°C
------------------	------

Materials of Construction

Impeller	Cast Iron / SS 304 / SS 316 / Bronze
Delivery Casing	Cast Iron / SS 304 / SS 316 / Bronze
Shaft	EN 8 / SS 410 / SS 316 / SS 304
Shaft Sleeve	SS 410 / SS 304 / SS 316
Seal	Gland Packed / Mechanical seal

Applications

Civil Construction Site
Marine
Industry

Specification

Power	1 to 125 HP
Speed	650 to 2900rpm
Head Range	up to 62m
Flow Range	upto 21248lpm
Solid Handling Capacity	76.2mm

Operating Conditions

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

Materials of Construction

Casing	Cast Iron
Impeller	Ductile Iron
Shaft	40 Cr Alloy Steel
Shaft sleeve	40 Cr Alloy Steel
Replaceable wear plate	Carbon Steel
Removable cover plate	Cast Iron
Seal plate	Cast Iron

Applications

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

Performance Table

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

Impeller Type

Model	Open Double Channel Impeller								Semi open Multi Channel Impeller		
	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

ESAR

S E R I E S

End Suction Pumps (RF)

ESAR

S E R I E S

End Suction Pumps (RF)



Specification

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

Operating Conditions

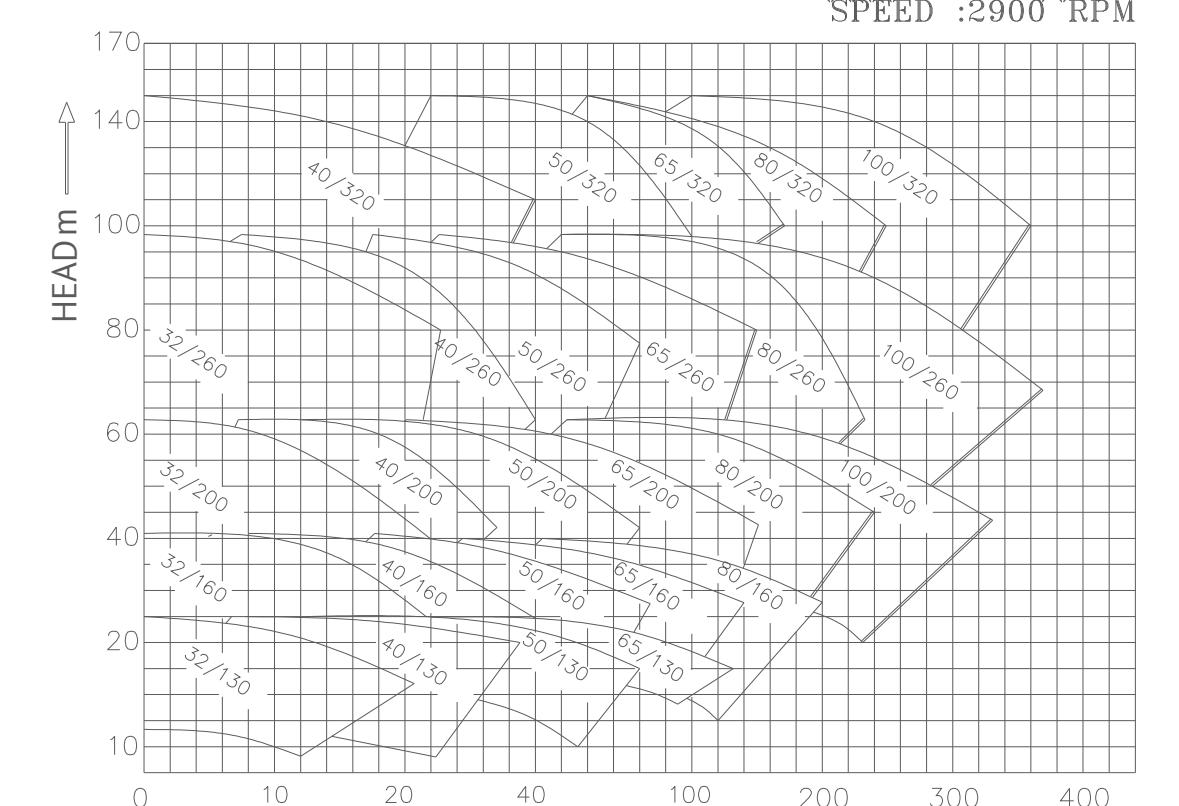
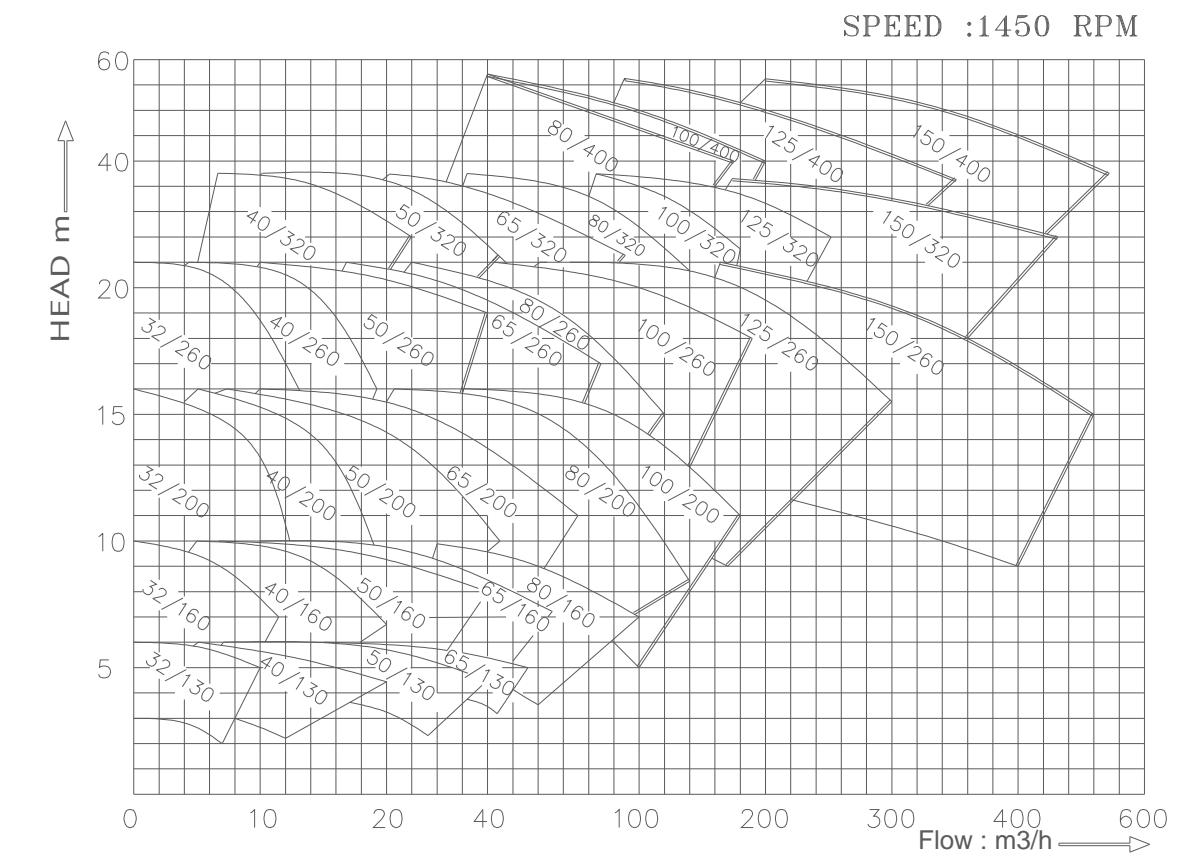
Max. Liquid Temp.	40°C
Suction lift	7.6 mtr

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

End Suction Pumps (RF)

Performance Curve



END SUCTION CENTRIFUGAL PUMPS

MIXED FLOW



ESAM

S E R I E S

END SUCTION PUMPS (MF)

WELLPOINT DE-WATERING PUMPS

WDP

S E R I E S

WellPoint De-Watering Pumps



Specification

Power upto 250HP
Speed 900/1450/970/720rpm
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			

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 316, 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

HORIZONTAL MULTISTAGE PUMPS



AHM

S E R I E S
HORIZONTAL MULTISTAGE PUMPS

Specification

Power	1.1 to 132kW
Speed	2900 & 1450 rpm
Protection	IP 55 / IP 54
Insulation	F / B Class
Head Range	9 to 83m
Flow Range	8 to 630m³/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
Bolier Feed	

Specification

Power	Upto 1120kW
Speed	2900 & 1450rpm
Protection	IP 55 / IP 54
Insulation	F / B Class
Head Range	33 to 1056m
Flow Range	6 to 850m³/h
Pump 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	Galnd packing / Mechanical Seal

Operating Conditions

Max. Ambuient 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	F / B Class
Head Range	7 to 200m
Flow Range	22 to 30000m³/h
Outlet Size	Upto 900mm

Operating Conditions

Max. Ambuient 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
Sealing	Mechanical Seal

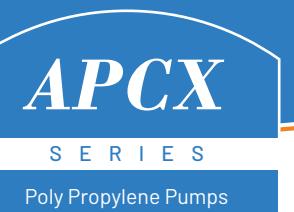
Applications

Industrial Water Supply	Washing systems
HVAC System	Cooling Tower
Bolier Feed	

Applications

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
Degree of protection	IP 55
Class of insulation	F / B
Type of Duty	S1 (Continuous duty)
Head Range	4 to 45m
Flow Range	0.5 to 55

Spare Part

Volute Casing	Polypropylene co-polymer
Impeller	Polypropylene co-polymer
Back Plate / St. Box	Polypropylene co-polymer
Mechanical Seal	Hi-Aluminia Ceramic
Sleeve	Hi-Aluminia Ceramic
Bearing Housing	Cast Iron
Shaft	EN-8 / SS 316

Performance Table

Model	Power		Outlet Size (mm)	Discharge In lpm	Head in meter												
	HP	kW			4	6	8	9	10	15	18	20	23	25	30	35	40
APCX-100	1	0.75	25 x 25		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

Model	Power		Outlet Size (mm)	Discharge In lpm	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			398	332	249	166	8						
APCX-50	2.2	3	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

Operating Conditions

upto 80°C (Poly Propylene Glass filled)
upto 100°C (polyvinylidene fluoride)

Material of Construction:

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

Applications

Highly corrosive chemicals
Plating checmicals
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	11/2" x 11/4" BSP/Flanged	1.5	Three	280	20
APMD 400	2" x 11/2" Flanged	2	Three	400	24
APMD 500	2" x 11/2" Flanged	3	Three	500	30
APMD 600	21/2" x 2" Flanged	5	Three	620	34

SPECIAL APPLICATION PUMPS

SANTA ACFP / ASSP SERIES

Special Application Pumps

SANTA SERIES (Samitary Pumps)



SPECIFICATION

Power Range	0.37 kw to 7.5 kw
Discharge Range	10-50 m3/hr
Head Range	Upto 49 mtrs
Sealing	Mechanical Seal
Optional	<ul style="list-style-type: none"> • SS 304/SS 316 Construction • Change in construction according to applications

ACFP Series SS 316-Chemical Transfer Pumps



SPECIFICATION

Power Range	0.25 to 20 HP
Discharge Range	1.2 to 120m3/hr
Head Range	Upto 45 mtrs
Sealing	Mechanical Seal
Construction & Features	<ul style="list-style-type: none"> • Casted SS 316 Casing & Impellers • Sealing Teflon Bellow type or Gland Packing • PP upto 70 deg C. PVDF upto 100 deg C

ASSP Series SS 316 Self-priming Monoblock Pumps



SPECIFICATION

Power Range	0.5 & 1.0 HP
Discharge Range	Upto 55m3/hr
Head Range	Upto 40 mtrs
Sealing	Mechanical Seal
Construction & Features	<ul style="list-style-type: none"> • Casted SS 316 Casing & Impellers • Upto 150 deg C.

BARELL PUMPS

BL SERIES

Barell Pumps

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 Alkalies Material, Adhesive etc.

1" PLASTIC



Products

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

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

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

Recommended Use

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

POSITIVE DISPLACEMENT PUMPS

PD

S E R I E S

Positive Displacement Pumps



PD-1A Series Ind. & Chemical Screw Pumps

Application: Ceramic Slurry & other Abrasive and corrosive slurries, Masscuuite, 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, Masscuuite, 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

S E R I E S

Positive Displacement Pumps



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

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

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 pushing 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 Hygiene 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 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 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, Masscuuite, 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

RGP

S E R I E S

Rotary Gear Pumps



Specification

Power	0.3 to 20HP
Speed	1450rpm
Head Range	up to 100 m
Flow Range	25 to 500 lpm

Applications

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

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 Oil seal/"Z"PackTeflon

Performance Table

Model	Inlet Outlet Size	Capacity			Power Consumption in BHP at Differ Antial Pressure of 'X' KG/CM2 with 1500 SSU Viscosity											wt of bare shaft pump in kg KG
		LPM	US GPM	M ³ /hr	1	2	3	4	5	6	7	8	9	10		
ARGP-050	1/2" X 1/2"	20	5.3	1.2	0.3	0.4	0.4	0.5	0.5	0.6	0.6	0.7	0.7	0.8	2.15	
ARGP-075	3/4" X 3/4"	30	7.92	1.8	0.4	0.5	0.5	0.6	0.69	0.8	0.9	0.9	1	1.1	4.2	
ARGP-100	1" X 1"	50	13.2	3	0.4	0.5	0.6	0.8	0.89	1	1.2	1.3	1.5	1.6	5	
ARGP-125	11/4" X 11/4"	75	19.8	4.5	0.7	1	1.2	1.4	1.5	1.9	2	2.2	2.4	2.6	8	
ARGP-150	11/2" X 11/2"	110	29	6.6	1.1	1.5	2	2.1	2.4	2.7	3	3.3	3.6	4	9.5	
ARGP-200	2" X 2"	225	59.4	13.5	2	2.5	3.2	3.8	4.3	4.6	5.6	6.2	6.9	12	17.2	
ARGP-250	21/2" X 21/2"	350	92.5	21	4.2	5.2	6.1	7.3	8.2	9.1	10	11	12	13	35	
ARGP-300	3" X 3"	500	132	30	5.8	7	8.2	9.4	10.6	12	13	14	15	17	52	

RO DOSING PUMP

RODOS

S E R I E S

Ro Dosing Pump



Specification

Type	Solenoid operated Diaphragm Dosing Pump
Capacity	6 LPH
Pressure	4kg/cm ²
Input Supply	1Ph 230V, 50Hz AC Supply
Power Consumption	30Watts
Speed	up to 400spm
Suction / Discharge	4/6mm tubing

Operating Conditions

Max. Ambient Temp.	45°C
Max. Liquid Temp.	50°C

Applications

Design Anti Sealent for water treatment plant
Chemical Dosing

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 $\pm 1\%$
- 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/cm ²)	Power Rating
CDOS-MP1	0-20	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 $\pm 1\%$.
- 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/cm ²)	Power Rating
CDOS-HD1	0-50	Upto 20	0.37kW
CDOS-HD2	0-160	Upto 20	upto 0.75kW
CDOS-HD3	0-200	Upto 20	0.75kW
CDOS-HD4	0-500	Upto 20	0.75kW
CDOS-HD5	0-750	Upto 30	upto 2.2kW
CDOS-HD6	0-3000	Upto 30	upto 3.7kW
CDOS-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

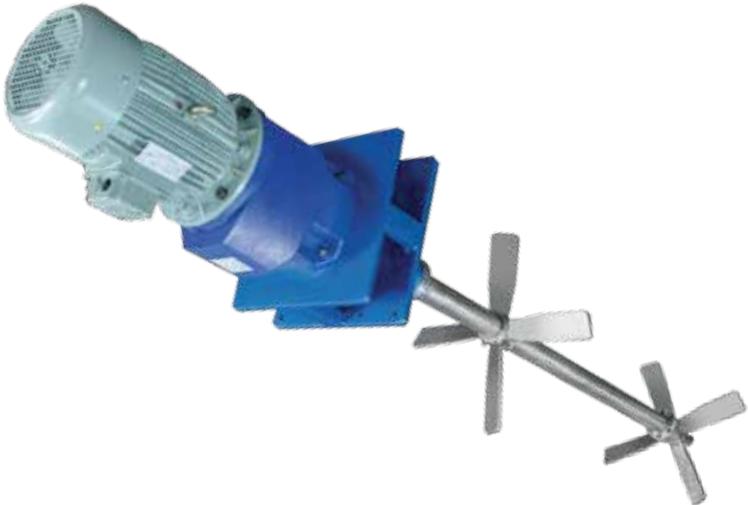
Application

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



AGITATORS



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/cm ²)	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 Plants, Steel Textiles, Paper, Pharmaceuticals & Power Plant.

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.

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

Available Size	Medium Type				Standard Type				
	1"	1½"	2"	2"	3"	4"	5"	6"	
Apprx. Wall Thickness (mm)	1.8	2	2.2	2.4					
Burst Pressure (kg/cm²)	25	45	50	50	57	57	57	57	
Max. Tensile Strength (kg)	500	1000	1500	1700	4000	7000	12000	15000	20000
Max. Elongation in working condition (%)	1.5	1.5	1.5	1.5	15	15	15	15	15
Max. Installation Depth (m)	60	100	100	100	250	250	250	250	250
Max. Load (kg)	150	350	500	500	1600	2800	4800	6000	8000
Max. Pressure (kg/cm²)	7	10	10	10	25	25	25	25	25
Max. Flow (lpm)	59	117	235	334	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

ACCESSORIES



Features

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

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

EP Series

Savia Series



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 |

CONTROL PANELS

CONTROL PANELS

DOL CONTROL PANEL

Specifications



- : CRC / FRP / Galvanized Sheet with Powder coated (We can Provide design IP55 / IP54 / IP43 / IP65 as per customer requirement)
- : Schneider / BCH / Chint / ABB (Reputed)
- : Schneider / BCH / Teknic / C&S / Indo Asian (Reputed)
- : (0 - 30/50/150/450/800 Amps) R-Y-B: Kaizen
- : (0 - 500 Volt) RY-YB-BR: Kaizen
- : (As per Motor Rating) Variable with 0 to 60 Sec Time
- : (As per Motor Rating) Variable with 0 to 60 Sec Time
- : (300 • 500 Volt) Variable with 0 to 60 Sec Time
- : (300 • 500 Volt) Variable with 0 to 60 Sec Time
- : With current and Voltage Sensing
- : Auto-Manual
- : Copper
- : Terminals
- : R-Y-B (22.5 sq.mm LED Type)
- : On / OFF (22.5 sq.mm.)

STAR DELTA CONTROL PANEL

Specifications



- : CRC / FRP / Galvanized Sheet with Powder coated (We can Provide design IP55/ IP54/ IP43/ IP65 as per customer requirement)
- : Schneider / BCH / Chmt / ABB (Reputed)
- : Schneider / BCH / Teknic / C&S / Indo Asian (Reputed)
- : (0 • 30/50/150/450/800 Amps) R-Y-B: Kaizen
- : (0 - 500 Volt) RY-YB-BR Kaizen
- : (As per Motor Rating) Variable with 0 to GO Sec Time
- : (As per Motor Rating) Variable with 0 to 60 Sec Time
- : (300 - 500 Volt) Variable with 0 to 60 Sec Time
- : (300 - 500 Volt) Variable with 0 to 60 Sec Time
- : With current and Voltage Sensing
- : Auto-Manual
- : Copper
- : Terminals
- : R-Y-B (22.5 sq.mm LED Type)
- : On/Off (22.5 sq.mm)

AUTO TRANSFORMER STARTER (ATS)

Specifications



- : CRC / FRP / Galvanized Sheet with Powder coated. (We can Provide design IP55/ IP54/ IP43/ IP65 as per customer requirement)
- : Schneider / BCH / Chint / ABB (Reputed)
- : Schneider / BCH / Teknic / C&S / Indo Asian (Reputed)
- : (0 - 30/50/150/450/800 Amps) R-Y-B: Kaizen
- : (0 500 Volt) RY-YB-BR: Kaizen
- : (As per Motor Rating) Variable with 0 to 60 Sec Time
- : (As per Motor Rating) Variable with 0 to 60 Sec Time
- : (300 • 500 Volt) Variable with 0 to 60 Sec Time
- : (300 • 500 Volt) Variable with 0 to 60 Sec Time
- : With current and Voltage Sensing
- : Auto-Manual
- : Copper
- : Terminals
- : R-Y-B (22.5 sq.mm LED Type)
- : On/OFF (22.5 sq mm)

TWO PHASE SUBMERSIBLE MOTOR CONTROL PANEL

Specifications



- : CRC Sheet with Powder coated.
- : Schneider/ BCH / C&S (Reputed).
- : Schneider/ Teknic/ C&S / Indo Asian (Reputed).
- : OA - 30A (as per motor current rating)
- : OV - 240V (Single Phase), OV - 500V (Two Phase)
- : As per Customer requirement
- : As per Customer requirement
- : 190 - 240 V (Two Phase)
- : Copper
- : Terminals
- : LED Type
- : On/OFF

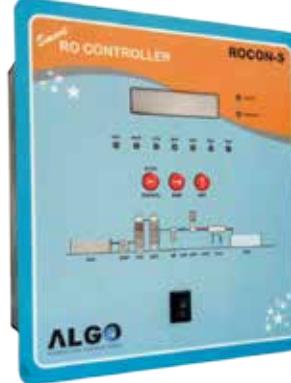
SINGLE PHASE SUBMERSIBLE MOTOR CONTROL PANEL

Specifications



- : CRC Sheet with Powder coated.
- : Schneider/ BCH / C&S (Reputed).
- : Schneider/ Teknic/ C&S / Indo Asian (Reputed).
- : OA - 30A (as per motor current rating)
- : OV - 240V (Single Phase), OV - 500V (Two Phase)
- : As per Customer requirement
- : As per Customer requirement
- : 120- 240 V(Single Phase)
- : Copper
- : Terminals
- : LED Type
- : On/OFF

RO CONTROL PANELS



SUBMERSIBLE / UG & SOLAR CABLES



Specifications

Model	ROCON-B / BT	ROCON-S				ROCON-SD
Panel Type	1 - 1	1 - 1	1 - 3	3 - 3	3 - 3 H	3 - 3
Display	7 Segment*(for BT)	16 x 2 Alphanumeric				16 x 2 Alphanumeric
Max. capacity	1000 LHP	1000LPH	2000LPH	5000LPH	5000LPH	
RWP	2HP 1Ph	2HP 1Ph	2HP 1Ph	3HP 3Ph	3HP 3Ph	7.5 - 15 HP
HPP	2HP 1Ph	2HP 1Ph	3HP 3Ph	5HP 3Ph	7.5HP 3Ph	15 - 30 HP
TDS Sensor	Optional	Available				Available
Input Connections	RWT Float	RWT Float				RWT Float
	St. Tank Float	St. Tank Float				St. Tank Float
	Low Pr. Switch	Low Pr. Switch				Low Pr. Switch
	High Pr. Switch	High Pr. Switch				High Pr. Switch
	Dosing Tank Float					Dosing Tank Float
Output Connection	RWP & HPP	RWP & HPP				RWP & HPP
	Flush S.Valve	Flush S.Valve				Flush S.Valve
	Dosing Pump	Dosing Pump				Dosing Pump
	Auto MPV*					Auto MPV
Protection	Overload	Overload				Overload
	Dry Run	Dry Run				Dry Run
	Low/High Pressure	Phase Protection				Phase Protection
	Level Control	Low/High Pressure				Low/High Pressure
		Level Control				Level Control
Overall Size	230 x 255 x 130mm	293 x 293 x 140mm				470 x 570 x 160mm
Cutout Size	190 x 255mm	283 x 283mm				450 x 550mm

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
Australia	3 core – Red Yellow Blue	3 core Round / Flat – Blue
Other countries	4 core – Brown Blue Black Yellow with Green line	Blue
	3 core - Brown Blue Yellow with Green line	
	European Standard can be followed	

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

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)					
mm	inch			Primo	Nano	Medium	Standard	Heavy	Super Heavy
25	1.00"	33.30	46.10	3.3	3.5	3.5	4.8	---	---
32	1.25"	42.16	55.10	4.1	4.2	4.2	5.0	6.4	---
40	1.50"	48.26	62.50	---	4.3	4.3	5.2	6.0	---
50	2.00"	60.32	79.00	---	4.8	4.8	6.0	7.3	8.0
65	2.50"	75.15	91.80	---	5.3	5.3	6.6	8.7	10.0
80	3.00"	88.20	110.0	---	---	6.0	7.4	9.9	10.5
100	4.00"	113.30	136.5	---	---	6.8	8.5	12.0	12.5
125	5.00"	141.30	165.0	---	---	7.7	10.2	15.2	16.5
150	6.00"	165.00	205.0	---	---	---	---	16.5	---

Maximum Permissible Pressure Rating (Kg/cm²)							Maximum Installation Depth			
Size		Primo	Nano	Medium	Standard	Heavy/ Heavy + +	Super Heavy	Pressure Rating kg/cm² (CouplerType)	mtrs	feet
mm	inch									
25	1.00"	12.5	15	21	26	---	---	10	100	325
32	1.25"	12.5	15	21	26	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"	---	---	---	---	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 .