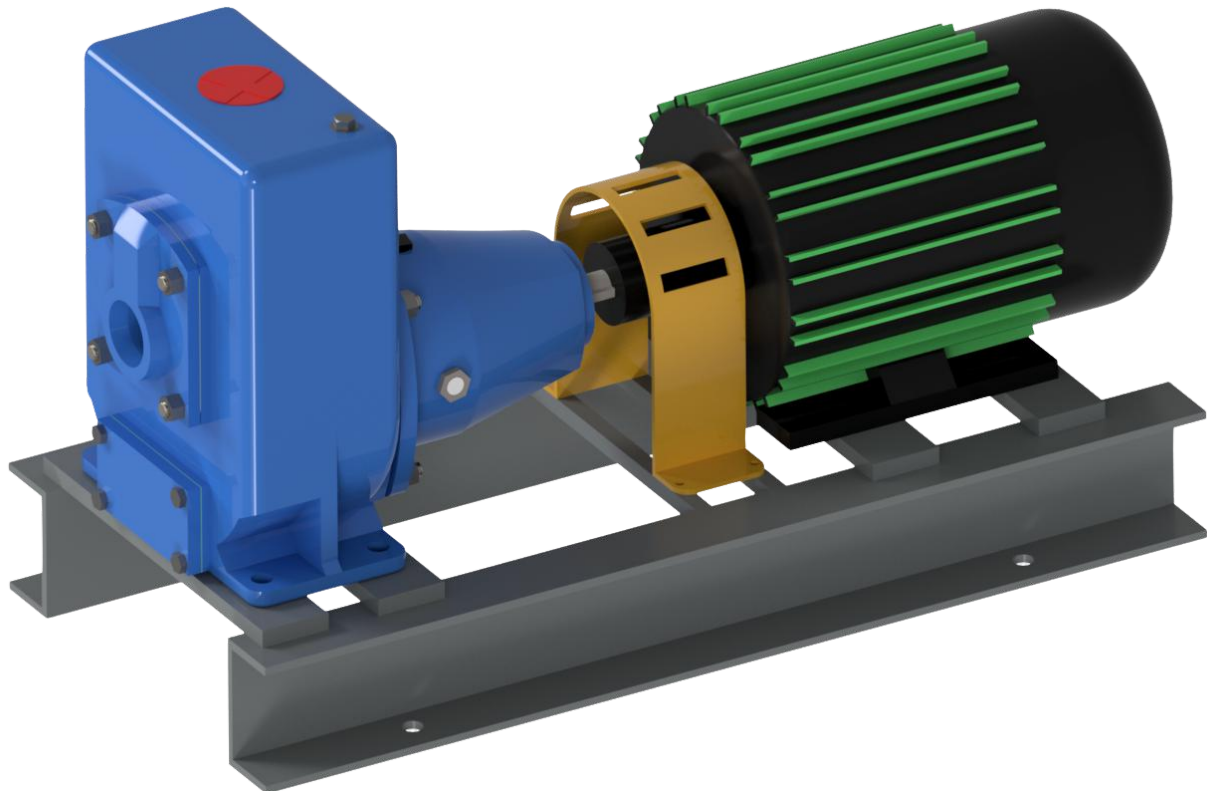
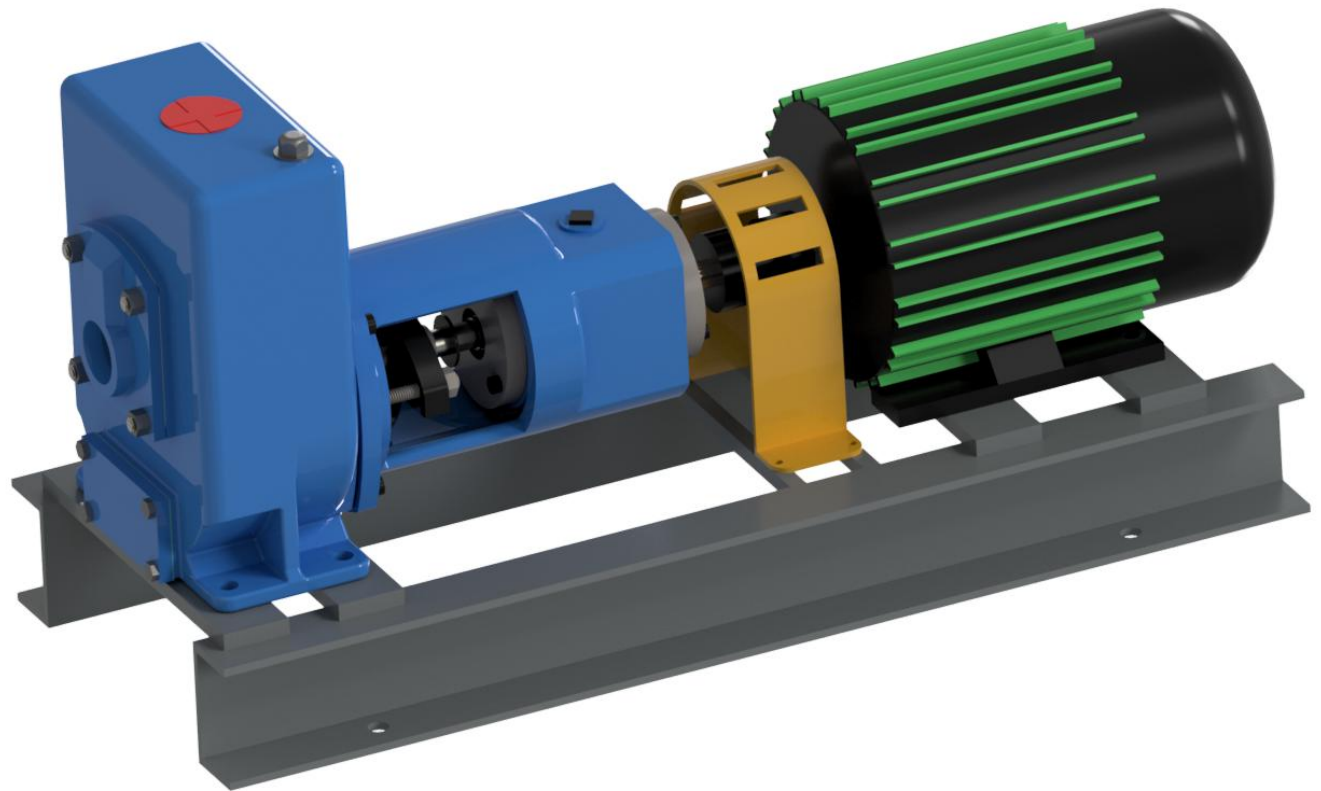


Product Catalog

Self Priming Centrifugal Pump "SG" & "SM" Series



**WEL-TECH EQUIPMENTS
PVT LTD**

Centrifugal Process Pumps & Spares

Our Company

Manufacturer

of centrifugal process pumps with utmost quality standards and wide range of pumping solutions for any customer needs sets us apart as one of the most established manufacturer in India.

Strict

quality standards and our drive to develop the most power efficient pumping solutions have centralized us as the most diverse and efficient manufacturer with products available in all segments from simple water transfer pumps to strict certified Pumping solutions in chemical and pharmaceutical industries.

Based in

Ahmedabad, Gujarat, India

With

service support across the globe through various and well connected suppliers and dealers, our global footprint allows us with a wide network of business and supply. We can supply spares and pumps within a small time frame to ensure a steady drive in your business with lowest possible downtime.

We pride in

our customer support and always on hand approach, marketing teams are guided and offer support anytime anywhere. We do not believe in routing our customers through various channels for sales and support.

The contact

you save is the contact you will call for all your needs.

SM & SG Series

The SG & SM pump is suitable for transferring liquids clean or polluted in nature, these pumps can be used in applications requiring a self priming pump with a negative suction of upto 7.5 mtr such as draining building, pond, ditches and swimming pools, chemical transfers, these are the go to pumps for agricultural uses as well as sewage plants & Industrial uses well.

SG Pumps Available in Multiple Gland Packing options as well as Mechanical Sealing ensuring minimal Leakage where leakage is acceptable, For Zero Leakage options SM Series is the better choice.

Safety matters:

Some application can have you working with liquids which can be trouble some to work with, hence our team is available for troubleshooting and helping you select the right series, right model, right seal type and the right seal materials.

Available Gland Packing Types:

- Graphite PTFE Packing for Acidic liquids
- Pure PTFE Packing for highly acidic and hotter temperature liquids
- Acrylic Fibre Packing for water handling and liquids with salt application, milk alkali or acidic liquids.

Available Mech Seal Types:

- STD (Carbon VS Ceramic With NBR elastomer)
- CCV (Ceramic VS Ceramic with Viton elastomer)
- CCT (Silicon Carbide VS Silicon Carbide with PTFE elastomer)
- SSV (Silicon Carbide VS Silicon Carbide with Viton Elastomer)



Product Application & Key Features

Key Features

- Easy Back Pull Out Design
- Designed with minimum downtime in mind
- Hasslefree installation
- Minimal Leakage Design
- Improved and efficient Impeller Designs
- Efficient and high capacity in a compact design
- Space Saving and Practical Design
- Various Gland Packing options available



Industrial Usage

Designed in compliance with the industrial standards and available in several materials with multiple gland and seal types make it the go-to choice for industrial uses.



General Purpose Uses

Applicable in Utility Buildings as General Duty Pumps, Circulation Pumps and heating Systems along with water purification plants as well.



Agricultural Usages

Building Water Transfer



Marine Applications



SG Bare Pump

Bearings:

- 2-deep groove ball bearings sealed for life or oil lubricated double row angular contact bearing and roller bearing greased for re-lubrication or oil lubricated

Oil lubrication:

- breather / filling plug on top
- oil bath
- oil sight glass
- constant level oiler
- Large drain plug

Shaft:

- steel alloy or stainless steel shaft
- rigid, reliable shaft
- most seal options with shaft sleeve (extended impeller key ensures co-rotation of the shaft)
- no contact between shaft and pumped liquid when shaft sleeve applied

Pump performance:

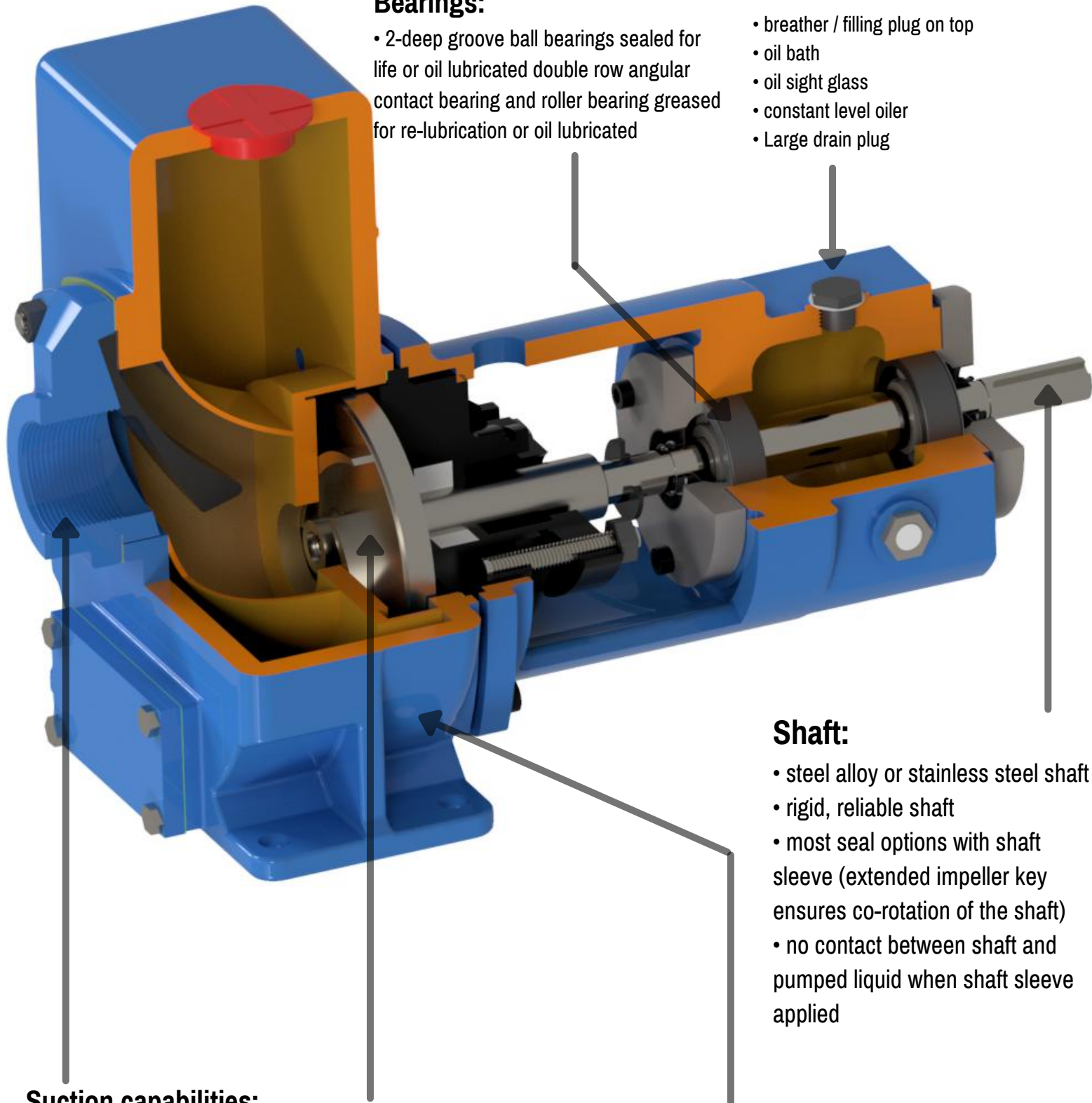
- optimised volute design for high efficiency
- smooth surfaces
- minimum internal losses

Impeller:

- half-open impeller

Suction capabilities:

- Smoothly designed suction entry for optimum NPSH
- minimal flow distortion giving better suction capabilities



SM Bare Pump

Oil lubrication:

- breather / filling plug on top
- oil bath
- oil sight glass
- constant level oiler
- Large drain plug

Bearings:

- 2-deep groove ball bearings sealed for life or oil lubricated double row angular contact bearing and roller bearing greased for re-lubrication or oil lubricated

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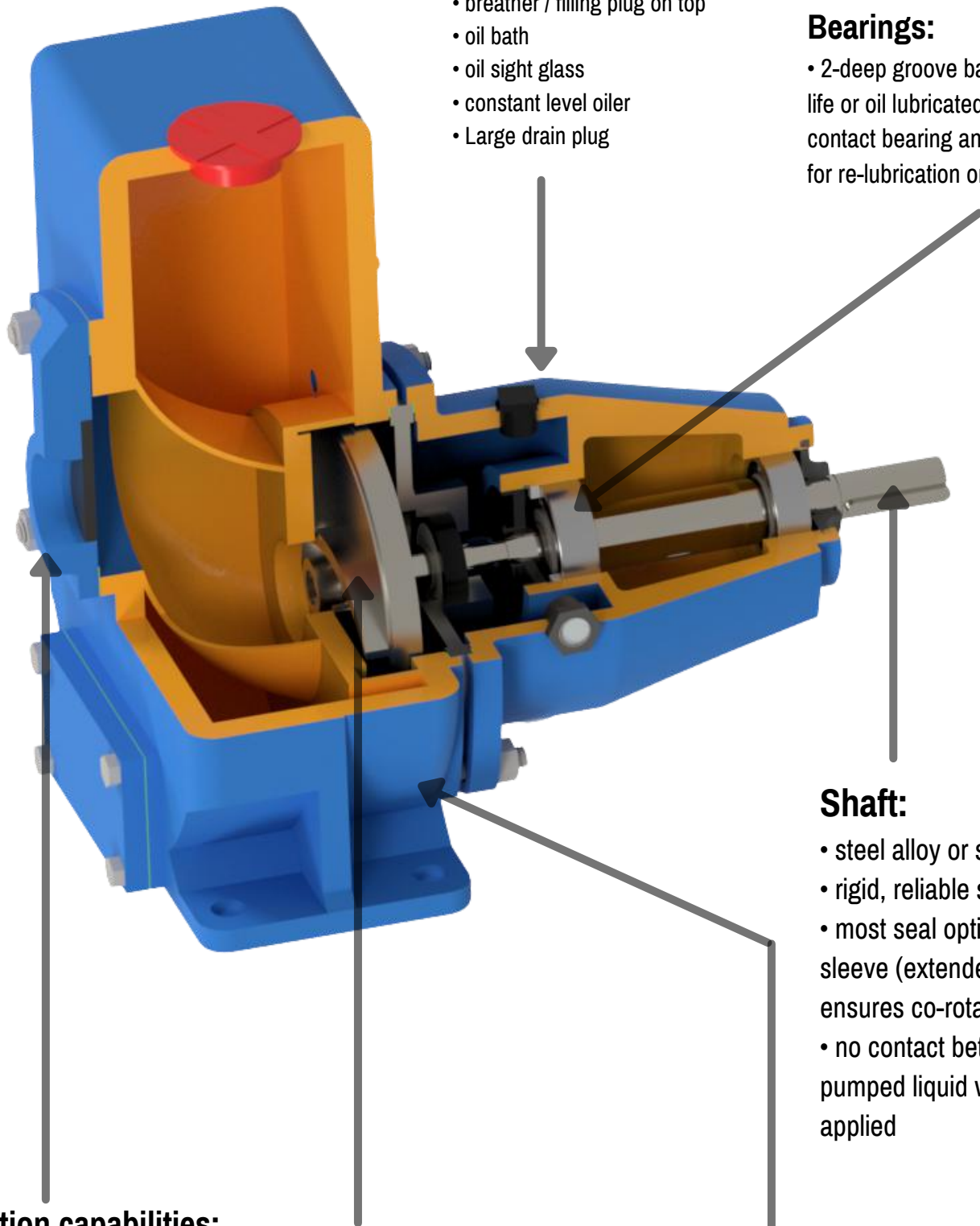
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- optimised volute design for high efficiency
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- minimum internal losses

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- minimal flow distortion giving better suction capabilities



Technical Data

SG Series Specs

Max Capacity 250 m3/Hr
 Max Head 35 m
 Max Working Pressure 800kPa (8 Bar)
 Max Temperature 95 °C
 Max Speed 3600 rpm

SM Series Specs

Max Capacity 100 m3/Hr
 Max Head 60 m
 Max Working Pressure 800kPa (8 Bar)
 Max Temperature 95 °C
 Max Speed 3600 rpm

Model Selection SM Series

TYPE SM	3	6	9	12	15	18	24	30	36	45	60	75	M ³ /HR	SIZE *	MM**	KG
32-110	15.2/0.43 0.6	13.7 / 0.55 1.5	11.5 / 0.63 2.8	9.0 / 0.68 4.3									Hm / KW NPSHR	1 1/4"	7.5	15
40-110	16.3 / 0.68 0.6	15.2 / 071 1	14.2 / 0.75 1.3	13.0/ 0.79 1.9	11.6/0.84 2.9	10.0/0.9 4.8								1 1/2"	12	17
50-120-A	20.0 / 1.10 1.2	19.0 / 1.12 1.25	17.8 / 1.16 1.4	16.5 / 1.21 1.6	15.4/1.29 2.1	14.0/1.36 2.8	10.2/1.49 5.0							2"	10	30
50-120		19.8/1.10 1.2	18.9/1.17 1.3	18.0/1.22 1.6	17.1/1.29 2.0	16.1/1.36 2.8	13.7/1.56 5	10.3/1.73 7.3						2"	13	30
65-120				19.2/1.58 0.9	18.5/1.60 1.0	18.0/1.66 1.1	16.7/1.79 1.5	15.5/1.97 1.9	14.4/2.15 2.7	12.0/2.45 4.4	4.0/2.65 9.2			2 1/2"	20	40
80-140					22.5/2.7 1.7	22.0/2.8 1.7	21.0/3.0 1.7	20.5/3.2 1.8	19.8/3.4 2.0	18.5/3.6 2.6	15.0/3.8 4.4	10.2/3.8 7.5		80mm	24	46
65-150				29.0/2.85 1.5	28.0/2.95 2.0	27.0/3.05 2.2	25.0/3.25 2.7	23.0/3.5 3.4	20.8/3.7 4.4	16.0/3.95 6.3				2 1/2"	11	40
32-160	32.0/1.25 0.35	28.5/1.41 1	24.3/1.56 2	19.2/1.73 4.3	10.0/1.84 8.0									1 1/4"	6	26
65-160				35.0/3.55 2.5	34.5/3.7 2.5	34.0/3.2 2.6	32.4/4.25 3.0	31.0/4.6 3.8	29.0/4.95 5.4	22.5/5.3 7				2 1/2"	12	40
50-200 B		48.0/3.44 2.3	47.5/3.75 2.2	46.0/4.10 2.2	44.0/4.4 2.6	43.0/4.71 3.4	33.0/5.28 6.8							2"	3	90

* Suction & Discharge Port Dimensions

**Max Permissible Solid Size

TYPE SM	Motor Kw/HP	Suc*Dis	Imp Dia	Head in Mtr	24	28	36	40	44	46		Solid Handling	Speed 50Hz
80-190	7.5/10	80*80	194mm	Capacity (m3/hr)	68	65	45	31	16	7.2		14.5 MM	2900RPM

50 HZ 2900 RPM



Technical Data

Model Selection SG Series

TYPE SG	3	6	9	12	15	18	24	30	36	45	60	75	M ³ /HR	SIZE *	MM**	KG
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50-120-A	20.0 / 1.10 1.2	19.0 / 1.12 1.25	17.8 / 1.16 1.4	16.5 / 1.21 1.6	15.4/1.29 2.1	14.0/1.36 2.8	10.2/1.49 5.0							2"	10	30
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80-140					22.5/2.7 1.7	22.0/2.8 1.7	21.0/3.0 1.7	20.5/3.2 1.8	19.8/3.4 2.0	18.5/3.6 2.6	15.0/3.8 4.4	10.2/3.8 7.5		80mm	24	46
65-150				29.0/2.85 1.5	28.0/2.95 2.0	27.0/3.05 2.2	25.0/3.25 2.7	23.0/3.5 3.4	20.8/3.7 4.4	16.0/3.95 6.3				2 1/2"	11	40
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80-190	7.5/10	80*80	194mm	Capacity (m3/hr)	68	65	45	31	16		7.2	14.5mm	2900RPM

50 HZ 2900 RPM

TYPE SG	Motor Kw/HP	Suc*Dis	Imp Dia	Head in Mtr	10	12	14	16	18	20	22	24	26	Solid Handling	Speed 50Hz
80-210	3.7/5	80*80	215mm	Capacity (m3/hr)	64.8	58.6	48.6	36	20					15.5mm	1450RPM
100-250	7.5/10	100*100	257mm	Capacity (m3/hr)	130	122	112	100	86	65	43			18.5mm	1450RPM
100-250a	9.3/12.5	100*100	257mm	Capacity (m3/hr)	150	142	132	121	110	94	79	61	36	23mm	1450RPM
150-290b	15/20	150*150	300mm	Capacity (m3/hr)	238	228	215	198	175	153	123	85		34mm	1450RPM
150-290n	18.7/25	150*150	300mm	Capacity (m3/hr)	270	260	247	230	210	187	162	122	72	40mm	1450RPM

50 HZ 1450 RPM



Our Design Insights

Product Testing

Everybody Knows This, You cant sell a product in which you dont trust.

Neither do we.

Testing Standards: ISO 9906 Gr II/III

With our inhouse performance test facility, we sell what we believe has worked and designed with utmost precision. Perfect selection and test certificates ranging from Material Certification to Performance Results, everything is available to our customers at a moment's Notice.

Infact, our customers can arrange a visit to our production facility for onsite testing whenever they please.

We are'nt just giving you products, we provide trust.



Product Design

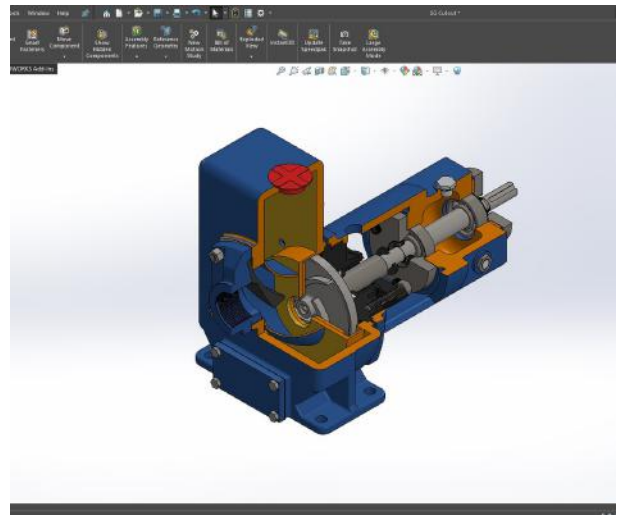
Nobody likes a product that doesnt seem reliable and well designed.

Neither do we.

With Solidworks 3D Design software and CSWA & CSWP Certified Personnel, we have upped the game of our design strategies with amazingly detailed Research and Simulation runs on our individual products with amazing degree of finess.

It saves us time and you as our customer, from buying a faulty product.

Our design team works closely with the customer for enhanced support and pre-install troubleshooting.



Wel-tech Equipments PVT LTD

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