



SUPASLURRY

Total Heavy Duty Slurry Solutions

Slurry Pumps

SSQRP QUICK RELEASE SLURRY PUMP SERIES

RELIABILITY - RUGGEDNESS - EFFICIENCY - DURABILITY



Landmark Mining & Minerals (Pty) Ltd.

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JOIN THE SUPASLURRY ADVANTAGE

Since our inception, Landmark Mining and Minerals has been providing pragmatic solutions to the heavy duty slurry pumping industry. We are able to engineer a system for every application in the industry. Our main objective is to provide a wide range of products that meets highest international quality standards. We are active in design, production, distribution and providing technical service for horizontal and vertical spindle slurry pumps used in surface, underground mining, mineral beneficiation and power generation activities located in Sub-Saharan Africa. A product carrying the Supaslurry brand promises to provide required durability and utility to sustain continuing satisfaction for the end user in compliance with all the rules and regulations. Our horizontal and vertical Supaslurry pumps represent an optimal combination of ruggedness, durability, hydraulics and value for money.

Quality

Landmark holds dear the same standards and premium quality that are found in the original parts supplied by traditional suppliers. Our pumps and replacement parts are the go-to when sourcing for severe duty centrifugal slurry pumps and parts. Landmark is taking all steps to become a leading brand in the industry, by following a very stringent quality control management system. Landmark is in a non-stop cycle of modification in order to meet the ever-changing and demanding environment of the slurry transporting sector. All our products are safe, up-to-date and comply fully with international safety and performance specifications.

Availability

- Quick Quotation turn-around
- Market leading product availability and service levels
- Attentive superior customer service
- Prompt and reliable delivery
- A peace of mind after sales backup service.

Reliability

A product carrying the Supaslurry brand promises to provide required ruggedness, reliability, durability and utility to sustain continuing satisfaction for the end user. We specialize in handling the toughest and most abrasive applications in the industry. By using our slurry pumps and parts, the user enjoys a perfect fit and finish to reduce installation workload. Landmark is a manufacturer with unmatched quality, product value and engineering expertise. Our Landmark Mining and Minerals warranty is guaranteed.



HEAVY DUTY PUMPS

Supaslurry Pumps Versatile Solutions

The Supaslurry SSQRP pump range are designed using the latest hydraulic and wear-resistant technologies to handle the most abrasive and corrosive slurry applications. Our SSQRP series pumps made from genuine Supaslurry parts, cast from the hardest chrome irons, strikes the ideal balance between wear-rate and efficiency. This gives the versatility to ensure the best efficient pumping solution for your application.

Our 'QR' range of pumps are designed to attain the lowest cost of ownership possible. The technology used in these pumps improves your process and energy efficiency. The components were designed and optimised using the latest in Engineering Softwares available on the market and this improves wear performance across the board.

FEATURES

SSQRP SUPASLURRY QUICK RELEASE PUMP

- Ranges: 2"(50mm) to 6"(150mm)
- Flow Rates upto: 900m³/hr
- Total Head upto: 100m

TYPICAL APPLICATION

- Dense media transfer
- Mill discharge
- Dense media make-up
- Bottom Boiler and fly ash
- Slag granulation
- De-watering
- Ferrosilicon make up
- Tailings
- Thickener underflow
- General grave dredging operations
- Cyclone feed

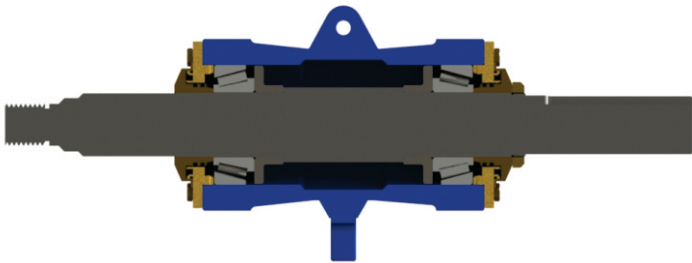
INDUSTRIES

- | | | |
|-----------------|-----------------|------------------|
| • Iron & Steel | Mining Industry | - Phosphate |
| • Mineral Sands | - Coal | - Copper |
| • Sand & Gravel | - Gold | - Pulp and Paper |
| • Cement | - Aluminium | - Iron Ore |
| | - Diamonds | - Zinc |
| | - Platinum | |

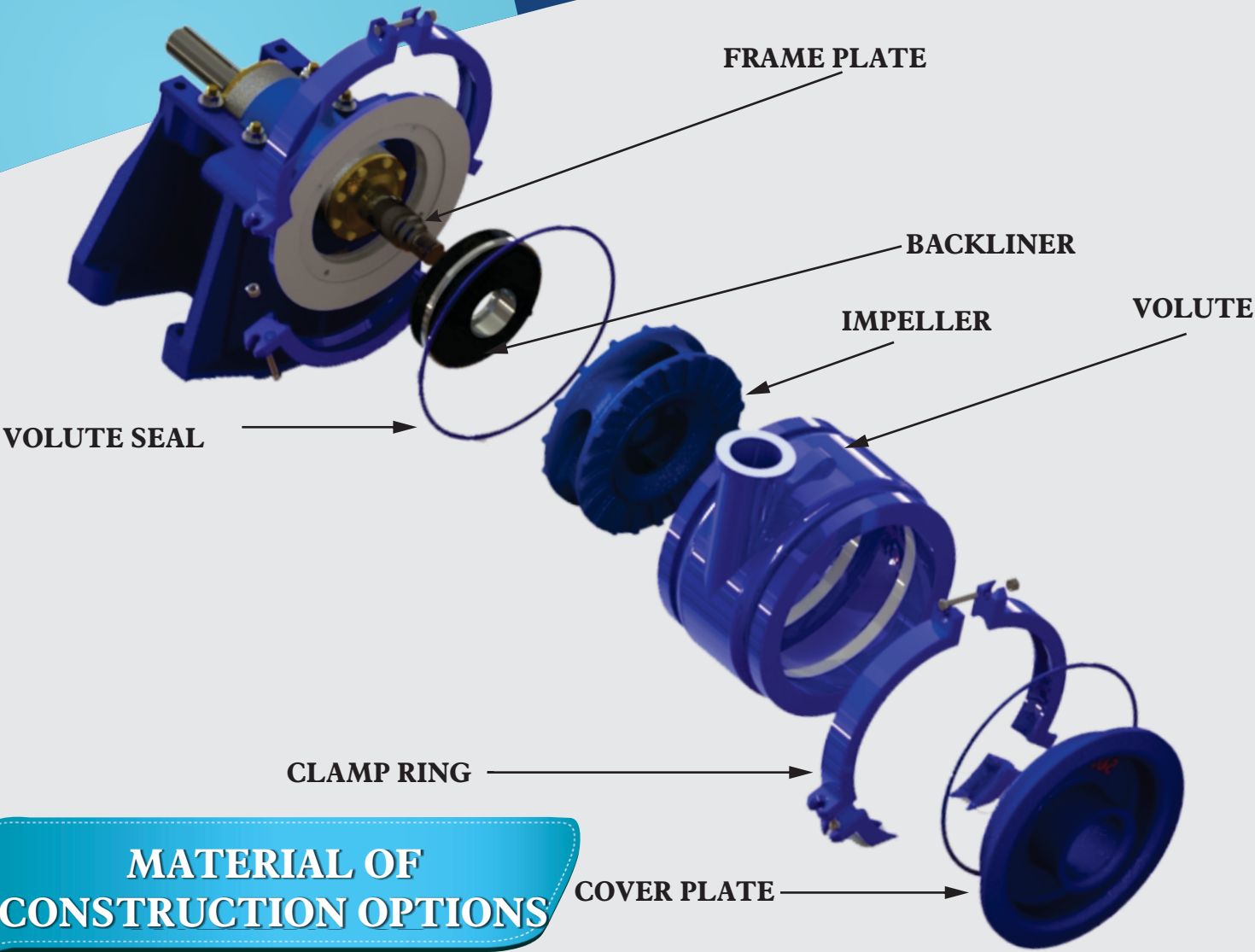
- Grease Lubricated Cartridge bearing assembly
- Extended bearing life with oversized shaft diameters and bearings
- Superior high strength shaft materials
- Best quality brand tapered and roller bearings
- A rigid oversized diameter shaft with a reduced overhang to minimise vibration and deflection.

An optional heavy duty bearing assembly is available from Supaslurry Pumps for applications where additional power or bearing loading is required.

BEARING ASSEMBLY CROSS SECTION



EXPLODED VIEW OF SUPASLURRY QUICK RELEASE PUMP



MATERIAL OF CONSTRUCTION OPTIONS

We offer total material versatility and the interchangeability of our components extends the life of our parts.

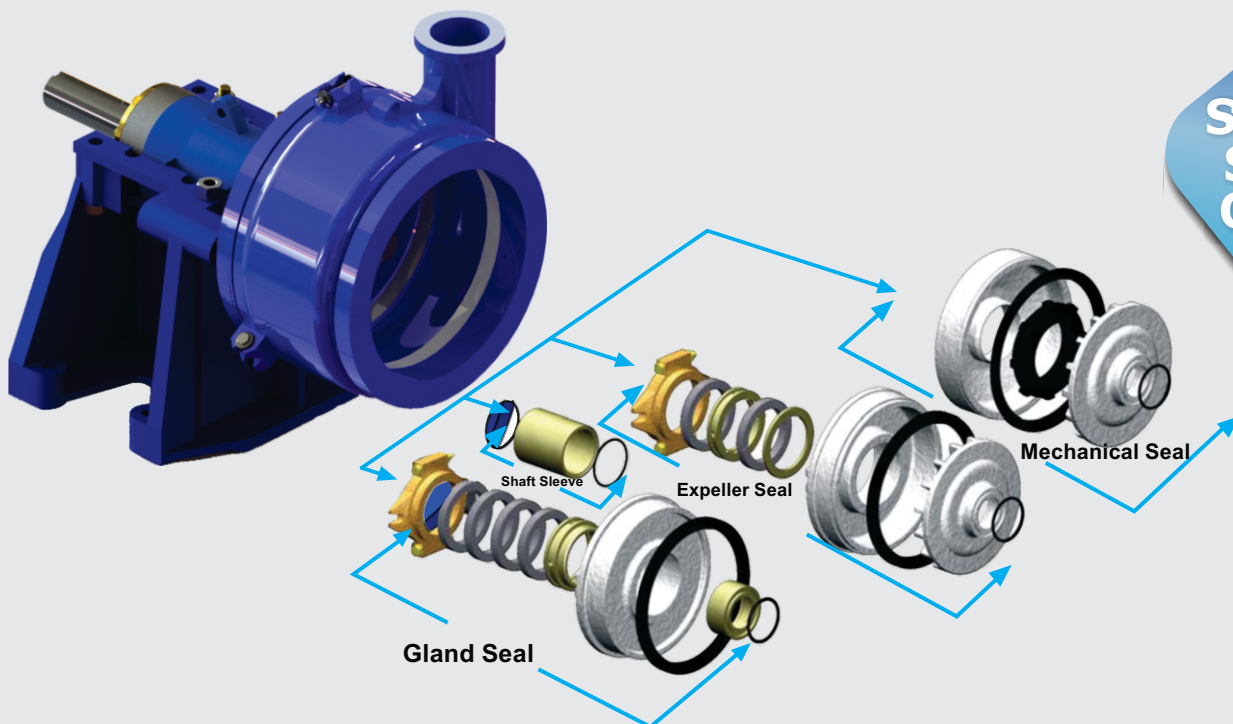
	Standard	Options
Impellers	High Chrome Alloy	Stainless Steel 316 Ultra-Chrome
Liners/ Volute	High Chrome Alloy	Stainless Steel 316 Ultra-Chrome
Casing	SG Iron	SG Iron Grades
Expeller	High Chrome Alloy	Ultra- Chrome Alloy, SG Iron,SS316
Expeller Ring	High Chrome Alloy	Ultra- Chrome Alloy, SG Iron, SS316
Stuffing Box	High Chrome Alloy	Ultra- Chrome Alloy, SG Iron, SS316
Shaft Sleeve	Stainless Steel 304 & 316	SG Iron, Tungsten
Gland	Stainless Steel	SG Iron Brass

Impellers

- Supaslurry standard impellers are designed to optimally balance wear life, lifetime efficiency and minimise total energy cost over the full service life of the pump
- Pump-out vanes on both impeller shrouds and the concave impeller vanes minimises re-circulation, reduces stuffing box pressure and results in uniform wear, thus sustained, high efficiency throughout the life span of the components.
- Safe and simple single point impeller adjustment to maintain peak efficiency

SEGMENTED VOLUTE CLAMP RING

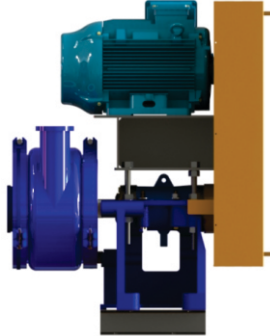
- Easy of assembly and disassembly of liquid-end was emphasised during the design phase.
- The segmented clamp rings facilitates casing rotation to any angle, reducing the need for costly high wearing bends



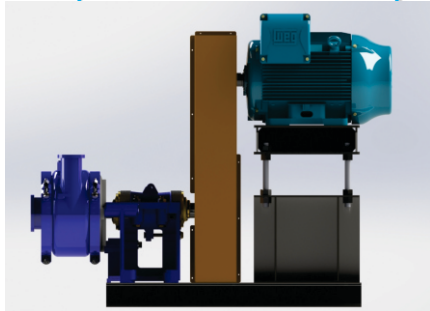
Standard Sealing Options

DRIVE ARRANGEMENTS

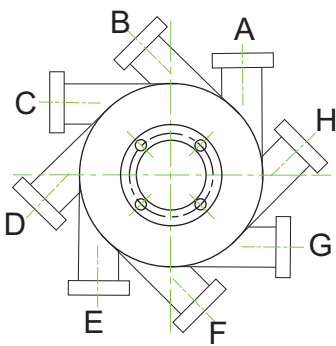
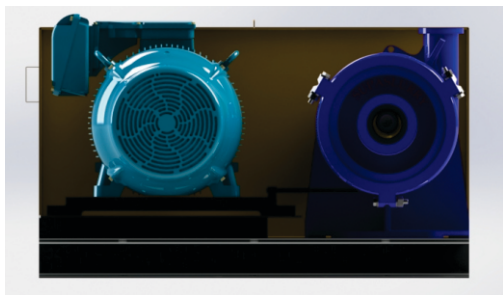
CV (Overhead)



ZV (Reverse Overhead)



CR (Side Mount)



Orientation of the discharge can be in any of the labeled eight positions 45 Degrees apart.



REPAIRS



Landmark understands that keeping your pumps running efficiently is important to your operation, that is why we provide 24/7 pump repair services and parts availability. We have a fully equipped workshop which boasts the latest in tooling and equipment to ensure that pump services are carried out to the best quality standard. All pumps serviced at our workshop receive our usual guarantee.

The pumps that we supply can be accompanied by customised service and maintenance contracts to not only maintain the efficiency of your pump unit, but also prolong its service life. This includes regularly scheduled visits to inspect your pumps and perform minor repairs when necessary.



Cost Effective

Supaslurry products come with a noticeable low cost guarantee that will ensure reduction in medium and long-term costs.

We always provide the highest quality products and maintaining the cost benefit balance for our customers and partners.

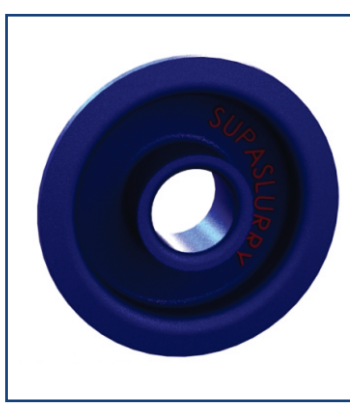
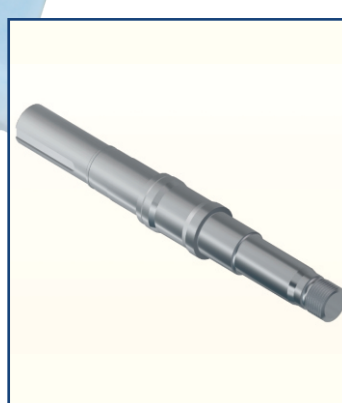
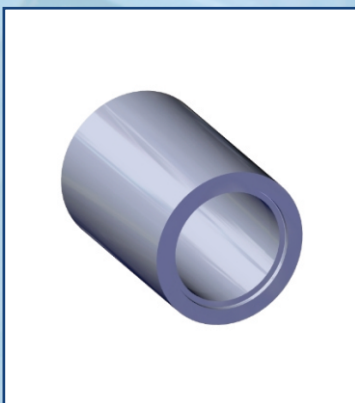
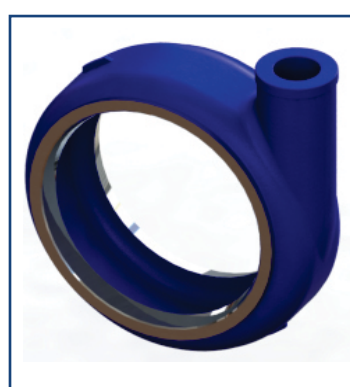
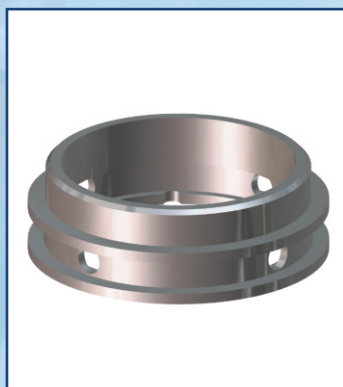
- Our pumps and parts are designed to ease the installation process thereby reducing down-time costs
- Radically extent wear life
- Reduce parts count
- Our product interchangeability reduces inventory capital investment.

Spare Parts

Landmark maintains a spare parts inventory at all times to ensure that immediate help is at hand when you need it most. From bearing replacement, impellers, shafts and complete overhauls, our certified service technicians are on call and ready to take on emergencies at a moment's notice.

Our comprehensive spare parts warehouse stocks a full range of spare parts and components, including:

- | | |
|-----------------|------------------|
| - Impellers | - Back Plates |
| - Shaft Sleeves | - Shaft Seals |
| - Throat Bushes | - Bearing Covers |
| - Casings | - Volute |



For specific material offerings please contact us for a quote.

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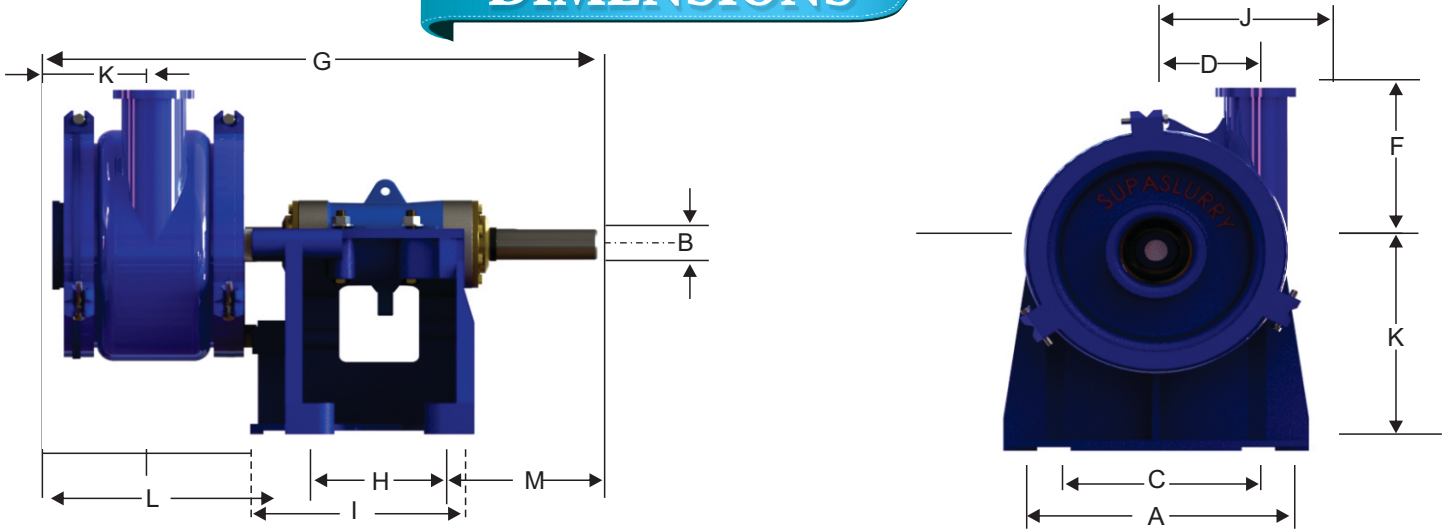
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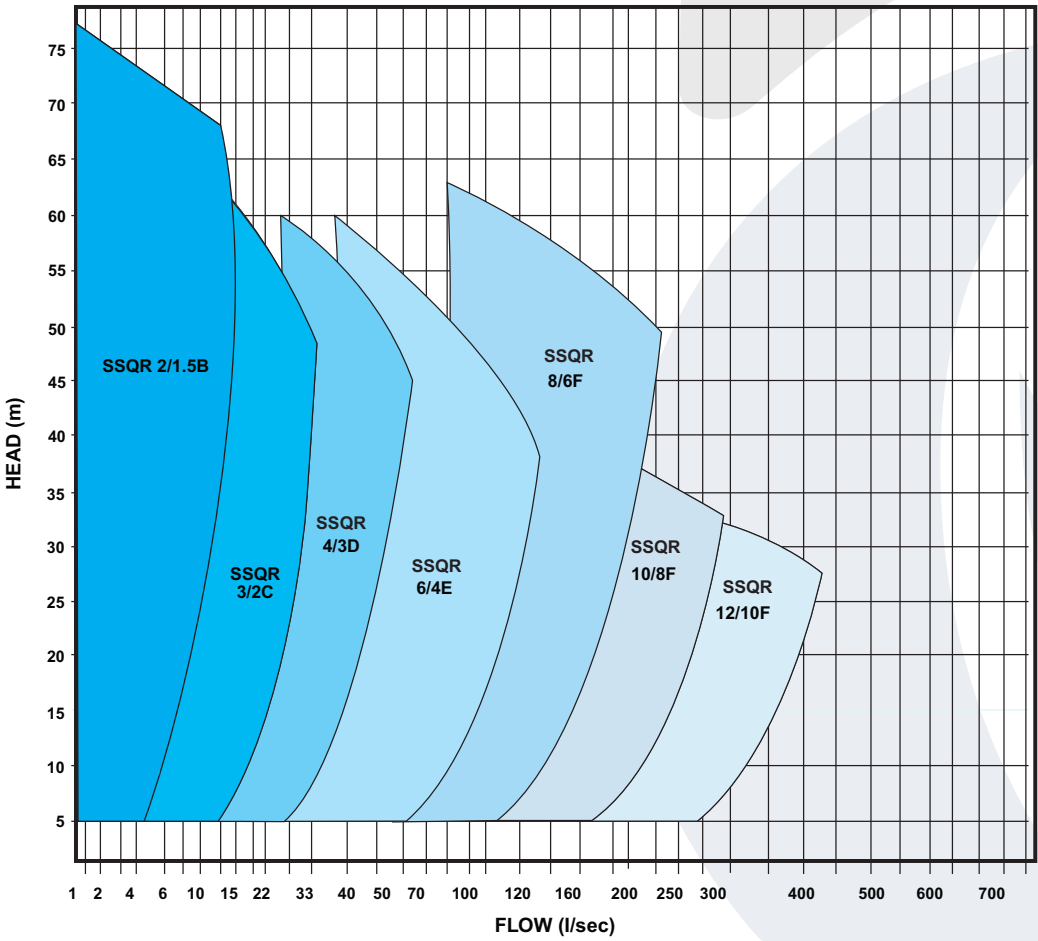
DIMENSIONS



PUMP MEASUREMENT

PUMP TYPE	A	B	C	D	E	F	G	H	I	J	K	L	M	INTAKE FLANGE				DISCHARGE FLANGE				WEIGHT KG
														PCD	NO. of HOLES	HOLE DIA.	O.D	PCD	NO. of HOLES	HOLE DIA.	O.D	
SS1.5/1B	295	28	254	98	197	171	580	143	247	181	115	297	145	114	4	16	152	127	4	16	165	130
SSQRP 2/1.5	295	28	254	114	197	184	585	143	247	205	115	297	145	146	4	19	184	127	4	19	165	135
SSQRP 3/2C	406	42	356	138	254	200	768	175	310	240	152	383	210	178	4	19	216	146	4	19	184	191
SSQRP 4/3D	494	42	432	254	330	368	986	213	310	384	203	483	260	178	8	19	216	165	4	19	203	650
SSQRP 6/4E	406	42	356	149	254	262	836	175	310	294	127	452	210	235	4	22	279	190	4	22	228	263
SSQRP 8/6E	494	65	432	149	330	262	945	213	363	294	220	472	260	235	4	22	279	190	4	22	228	363
SSQRP 12/10F	623	80	545	330	457	432	1226	257	447	480	203	380	343	210	8	19	254	210	8	19	254	1250

PUMP PERFORMANCE



Performance curves are for clean, cold water only.