

PUMPS SPECIFICATION

CHILLER PUMPS

1. The Max. flow rate can be up to 22 m³/min
2. High working pressure and lift up to 18 bar
3. Wide power range from 0.35KW to 35KW
4. Suitable temperature ranges down to -45°
5. Top centerline discharge, foot support under casing
6. Non-overload design to ensure stable performance
7. Energy-saving, low footprint, and easy installation

FLOWRATE	22 m ³ /min
PRESSURE	up to 18 bar
TEMPERATURE	up to 300 °F (150 °C)
SEAL TYPE	mechanical seals, static seal faces,
TYPE	VIL
MATERIAL OF CONSTRUCTION	Carbon steel, 316SS, CD4MCu, Alloy 20, Hastelloy B&C



VERTICAL INLINE CENTRIFUGAL PUMP

1. For wetted parts, a variety of materials are available
2. Clean, closed-type impellers that are compatible with fluids
3. Dynamically balanced impellers are also included.
4. Using grease, oil, and oil to seal bearings for life.
5. Sixth, a back pull-out style
6. High performance and low NPSH
7. Standards: DIN 24255 and EN733
8. Easy removal & maintenance no suction & discharge pipe



FLOWRATE	150M ³ /Hr	TYPE	VIL
PRESSURE	Upto 25 Bar	MATERIAL OF CONSTRUCTION	Cast iron, Cast steel,SS304, SS316, Duplex, Super duplex, Bronze
TEMPERATURE	-25 tp +130 Deg		
SEAL TYPE	Mechanical		

FIRE PUMP

1. Surface that resists rust, dependable in use
2. CE-certified motor IE2 motor efficiency and "F" class insulating
3. An 80dB maximum vibration level
4. Inlet-outlet flange with DN standard
5. Pump for pressure maintenance in fire suppression systems.
6. In systems for high pressure fire fighting.
7. For use in commercial, residential, and industrial firefighting applications.

FLOWRATE	1062 m ³ /hr	TYPE	VIL
PRESSURE	16 bar	MATERIAL OF CONSTRUCTION	High chrome / Elastomers
TEMPERATURE	- 10 Deg C + 120 Deg C		
SEAL TYPE	Mechanical		



PETROCHEMICAL PUMP

The sealing form can be filled with packing, single, double, and assembled single-end mechanical seals. According to API682 design guidelines, the seal can be chosen from the casing depending on various circumstances and user requirements for cooling and rinsing. The bearing structure is made of three different types: an air-cooled heat sink, an air-cooled fan, and a watercooled cavity.

FLOWRATE	5.5 to 2600 m3/h	TYPE	VIL
PRESSURE	28 bar	MATERIAL OF CONSTRUCTION	304,304L,316,316L,2205,HC276
TEMPERATURE	- 15 Deg C +120 Deg c		
SEAL TYPE	Packing, Mechanical seal		



FLEXIBLE IMPELLER

1. Commonly used for loading/offloading applications.
2. Lightweight and compact design.
3. Versatile port configuration.
4. Ability to handle a wide variety of fluids.
5. Range of accessories available to create the right solution for your application.
6. Variety of material options.

FLOWRATE	90,000 L/H	TYPE	VIL
PRESSURE	20 bar	MATERIAL OF CONSTRUCTION	
TEMPERATURE	- 10 Deg C +250 Deg C	Natural Rubber (NR) – For water based fluids, highest mechanical resistance. Neoprene (CR) – Good balance between chemical and mechanical resistance. Nitrile (NBR) – For foods, fats, fuels and oils. EPDM – Ideal for foods, hot fluids and clean in place applications, acids and alkaline.	
SEAL TYPE	Mechanical seal / Magnetic drive		

WATER PRESSURE BOOSTER PUMP

1. High performance with reduced power consumption
2. Consumption.
3. Dynamically balanced rotating components, such as the impeller and rotor.
4. Suction lift up to 6.0 meters with voltage range of 220 to 440 volts.
5. Mechanical shaft Seals for pumps are provided upon request.
6. Strong suction lift properties.

FLOWRATE	300 M3/Hr	TYPE	VIL
PRESSURE	Upto 20 Bar	MATERIAL OF CONSTRUCTION	
TEMPERATURE	-25 tp +130 Deg	Cast iron/SS/CS/, SS316, Duplex, Super duplex, Bronze	
SEAL TYPE	Mechanical		



HORIZONTAL/END SUCTION PUMP

1. Stations for boosting water supply.
2. Hot and cold water is pumped around the central heating system and
3. Installations of air conditioning
4. Drainage, irrigation, and sprinkler systems.
5. Fluid pumping procedures used in industry and domestically.
6. Pumps for fighting fires
7. Adding to and taking away from tanks and containers.



FLOWRATE	300 M3/Hr	TYPE	End suction
PRESSURE	Upto 30 Bar	MATERIAL OF CONSTRUCTION	
TEMPERATURE	-25 tp +130 Deg	Cast iron, Cast steel,SS304, SS316, Duplex, Super duplex, Bronze	
SEAL TYPE	Mechanical		

MONOBLOCK / BARE SHAFT PUMP

1. High performance with reduced power consumption
2. Consumption.
3. Dynamically balanced rotating components, such as the impeller and rotor.
4. Suction lift up to 6.0 meters with voltage range of 220 to 440 volts.
5. Mechanical shaft Seals for pumps are provided upon request.
6. Strong suction lift properties.



FLOWRATE	300M3/Hr	TYPE	VIL and End suction
PRESSURE	Upto 15 Bar	MATERIAL OF CONSTRUCTION	
TEMPERATURE	-25 tp +130 Deg	Cast iron, Cast steel,SS304, SS316, Duplex, Super duplex, Bronze	
SEAL TYPE	Mechanical		

HORIZONTAL MULTISTAGE CENTRIFUGAL PUMP

1. High performance with reduced power consumption
2. Consumption.
3. Dynamically balanced rotating components, such as the impeller and rotor.
4. Suction lift up to 6.0 meters with voltage range of 220 to 440 volts.
5. Mechanical shaft Seals for pumps are provided upon request.
6. Strong suction lift properties.
7. Construction that is rigid and well-balanced with a top-flat efficiency curve.



FLOWRATE	300M3 Hr	TYPE	VIL and End suction
PRESSURE	Upto 15 Bar	MATERIAL OF CONSTRUCTION	
TEMPERATURE	-25 tp +130 Deg	Cast iron, Cast steel,SS304, SS316, Duplex, Super duplex, Bronze	
SEAL TYPE	Mechanical		

SINGLE STAGE OR MULTI STAGE VIL PUMP

- Standards : DIN24255-EN733
- Wide range of wetted parts material available.
- Impellers are closed type suitable for clean fluid
- Dynamically balanced impellers
- Oil / grease / sealed for life bearings
- Back pull-out design
- High efficiency and low NPSH

FLOWRATE	300M3/Hr
PRESSURE	Upto 20 Bar
TEMPERATURE	-25 tp +130 Deg
SEAL TYPE	Mechanical
TYPE	VIL
MATERIAL OF CONSTRUCTION	Cast iron/SS/CS/, SS316, Duplex, Super duplex, Bronze



SELF-PRIMING PUMPS

- No need a foot valve as it has a self-priming pump structure
- External axial impeller adjustment
- Open non clogging impeller
- Dynamically balanced impellers
- Easy disassembly of components and maintenance as it's a same disassembling way of general centrifugal pump

FLOWRATE	250 m3/hr	TYPE	End suction
PRESSURE	Upto 20 Bar	MATERIAL OF CONSTRUCTION	Carbon steel, 316SS, CD4MCu, Alloy 20, Hastelloy B&c
TEMPERATURE	-20 tp +260 Deg		
SEAL TYPE			
Packing / Single / double / cartridge seal			

FLUOROPLASTIC NON-CORROSIVE PUMP

- The FSB and FSB-D fluoroplastic alloy centrifugal pump
- over-flow parts are all made of fluoroplastic alloy.
- The structure is compact, easy to operate and low in price.
- The two types of pump casings, impellers and machine seals can be used interchangeably. Welcome.



FLOWRATE	1m³/h -55m³/h	TYPE	VIL
PRESSURE	Upto 20 Bar	MATERIAL OF CONSTRUCTION	PP,PTFE, Fluoroplastic
TEMPERATURE	-25 tp +130 Deg		
SEAL TYPE	Mechanical		

SUBMERSIBLE PUMPS

1. Impeller type: Multi blade, vortex, Single channel, cutter type, Grinder
2. Material of construction: Cast iron, Bronze, SS316, Duplex steel, Hastelloy
3. Motor kilowatt form 0.5Kw to 350Kw
4. Seal: Mechanical seal
5. Pumps can be supplied with guide rails

FLOWRATE	1500 m3/hr	TYPE	VIL
PRESSURE	up to 150 psi (10 bar)	MATERIAL OF CONSTRUCTION	
TEMPERATURE	up to 300 °F (150 °C)	Carbon steel, 316SS, CD4MCu, Alloy 20, Hastelloy B&C	
SEAL TYPE	Packing / Single / double / cartridge seal		



SPLITCASE PUMPS

1. The Max. flow rate can be up to 22 m3/min
2. High working pressure and lift up to 18 bar
3. Wide power range from 0.35KW to 35KW
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5. Top centerline discharge, foot support under casing
6. Non-overload design to ensure stable performance
7. Energy-saving, low footprint, and easy installation
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SEAL TYPE	mechanical seals, static seal faces, rotating seal faces		

OIL TRANSFER PUMPS

1. Pumps oil into the system without shutting down for charging
2. Universal tapered rubber adapter fits all 1, 2.5 and 5 gallon containers
3. Works against 200 psi of pressure
4. Compatible with all oil types
5. Pumps 2.6 ounces (78ml) per stroke
6. Low power consumption
7. Low cost wiring
8. Wide ranges of pressures and voltages

FLOWRATE	240 m3/hr	TYPE	VIL
PRESSURE	28 bar	MATERIAL OF CONSTRUCTION	
TEMPERATURE	- 15 Deg C +120 Deg c		
SEAL TYPE	Packing, Mechanical seal		



POSITIVE DISPLACEMENT PUMP

1. High Viscosity. Selected rotary technologies and air operated piston pumps easily handle highly viscous fluids.
2. Low and Variable Viscosity.
3. Low Shear Pumping Required.
4. Solids Handling Capability.
5. Multi-Phase Flow.
6. High Pressure.

FLOWRATE	0.4 to 55,000 lpm
PRESSURE	28 bar
TEMPERATURE	-15 Deg C +120 Deg c
SEAL TYPE	Packing, Mechanical seal
TYPE	VIL
MATERIAL OF CONSTRUCTION	



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FLOWRATE	1500 m3/hr	TYPE	VIL
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2. The bearing structure is made of three different types: an air-cooled heat sink, an air-cooled fan, and a watercooled cavity. Users have a choice based on the working environment. Oil ring from the oil tank lubricates the bearing. Heat from the bearing to keep it functioning normally at all times.

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RECIPROCATING PLUNGER PUMPS

1. High pressure, low flow applications: Reciprocating pumps are generally designed for low flow, high head applications. One of the most extreme of these applications is waterjet cutting, where only a few liters per minute flow through the pump, but pressures of 10,000 PSI are exceeded.
2. Proven, common technology: reciprocating pumps are one of the oldest and most proven types of pumps. Today, there is a wide range of reciprocating pumps in many different materials, types and sizes. Reciprocating pumps range from less than 1 horsepower to over 3,000 horsepower.

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PRESSURE	28 bar	MATERIAL OF CONSTRUCTION	
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PROGRESSIVE CAVITY PUMPS

- 1. Good for solids and other difficult media
- 2. Can handle air entrained, multiple phase and abrasive fluids
- 3. Precise dosing
- 4. Suited to high and low viscosity applications
- 5. Allows continuous, gentle and low-pulsation flow
- 6. Self-priming
- 7. Does not vapor lock

FLOWRATE	5.5 to 2600 m ³ /h
PRESSURE	28 bar
TEMPERATURE	-15 Deg C +120 Deg c
SEAL TYPE	Packing, Mechanical seal
TYPE	VIL
MATERIAL OF CONSTRUCTION	Progressive cavity pumps



DIAPHRAGM PUMP

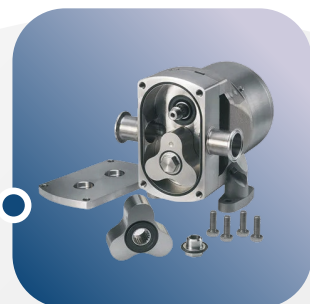
- 1. Deals with liquid containing solid particles
- 2. Effective for moving highly corrosive fluids
- 3. Pumps for food transfer applications are offered.
- 4. Simple controls that allow for easy adjustment of the variable flow and head pressure
- 5. The capacity to run in the dry
- 6. Up to 6 meters of self-priming

FLOWRATE	Max 700 Lpm	TYPE	VIL
PRESSURE	8 bar	MATERIAL OF CONSTRUCTION	PP, PVDF, Aluminum, PTFE Stainless steel
TEMPERATURE	80 Deg C		
SEAL TYPE		PP, PVDF, ALU, SS, UHMWPE	

ROTARY LOBE

- 1. Low risk of media entrapment and compaction
- 2. Change of rotation
- 3. High efficiency with low life cycle costs at the same time
- 4. Easy maintenance and compact design
- 5. Gentle, low-pulsation and constant conveying with high dosing precision

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CUSTOMER SUPPORT AND SERVICES

- ★ Best Pumps and engineering solution partner
- ★ 24*7 Service support
- ★ We Assist for customer scope of work & Technical Advise
- ★ Lead Issue Tracking and recommend right solution
- ★ Optimize long time issue
- ★ Product Quality and document support
- ★ Recommend product improvements
- ★ Project process and progress based on the scope of customer and standards
- ★ Reliable product and projects
- ★ Responding promptly to customer inquiries.
- ★ Acknowledging and resolving customer complaints.
- ★ We Ensure customer satisfaction and provide professional customer support
- ★ Resolve customer complaints via phone, email, mail or social media.
- ★ Compile reports on overall customer satisfaction

FLOMEK SINGAPORE PRIVATE LIMITED



GET IN TOUCH

Our Office : 9 Yishun Industrial Street 1, #04-64 North Spring Bizhub, Singapore 768163

Other Services : Operation Maintenance | Quality Management | Fabrication Piping | Service & Overhaul