



# SHAKTI PUMPS FOR MARINE & INDUSTRIAL







**SELF-PRIMING PUMPS**  
CRP Series

#### PERFORMANCE

MODEL	HEAD ( MAX.)	FLOW	DISCHARGE (MAX.)	RATING
CRP E SERIES	60 m	3.2 m <sup>3</sup> /hr	53.33 LPM	0.5 - 1.0 HP
CRP S SERIES	60 m	3.3 m <sup>3</sup> /hr	55 LPM	0.5 - 1.0 HP
CRP P SERIES	60 m	3.5 m <sup>3</sup> /hr	58 LPM	0.5 - 1.0 HP

#### FEATURES

- High quality die cast aluminum motor body • Anti corrosive coated cast iron parts • SS Shaft
- In built thermal overload protector • Bronze Impeller • Double sealed ball bearings

#### APPLICATIONS

- Domestic water supply • Water transfer applications • Home pressure boosting.
- Construction Site • Gardens / Fountains



**OPENWELL PUMPS**  
SHOS & SOMB Series

#### PERFORMANCE

Head, H : Max. 96 m	Discharge : Max. 3200 LPM
Flow, Q : 192 m <sup>3</sup> /hr	Rating : 1.5 HP to 20 HP

#### FEATURES

- Ultra modern design • Easy installation • Silent, vibration-free running
- High efficiency as of international standards, leading to energy saving
- Superior design material as well as manufacturing process assure longer life

#### APPLICATIONS

- Rural and urban draining water installations • Water supply to high-rise buildings
- Water circulating system for lawns & gardens • Agricultural lift sprinkler and drip irrigation
- Industrial service water supply schemes • Decorative water fountains



**MONOBLOCK & END SUCTION PUMPS**  
SNB, SNK Series

#### PERFORMANCE

Head, H : Max. 97 m	Discharge : Max. 2600 LPM
Flow, Q : 156 m <sup>3</sup> /hr	Rating : 1.5 HP to 30 HP

#### FEATURES

- The pumps can be driven by diesel engine, DG set, TEFC motor
- The pumps have back pull out design enabling the removal of the motor without dismantling the pump

#### APPLICATIONS

- The end-suction pumps are especially suited for water distribution in large scale irrigation systems • Industrial pressure boosting • Industrial liquid transfer
- HVAC • Irrigation



**END-SUCTION CLOSE COUPLED PUMPS**  
SHAHENSHAH

#### PERFORMANCE

Head, H : Max. 34 m	Discharge : Max. 500 LPM
Flow, Q : 30 m <sup>3</sup> /hr	Rating : 0.5 HP to 2 HP

#### FEATURES

- Ultra modern design • Superior design material as well as manufacturing process assure longer life

#### APPLICATIONS

- Water distribution • Pressure boosting • Liquid transfer • Irrigation
- Domestic water supply



**FIRE PROTECTION PUMP**

#### PERFORMANCE

Head : up to 330 m	Delivery Size : 125 mm
Capacity : 180 m <sup>3</sup> /h	

#### FEATURES

- High efficiency • Reliability • Space Saving • Service friendly
- Suitable for slightly aggressive liquids
- Fully automated system with separated controller for diesel pump and electrical pump

#### APPLICATIONS

- Industrial and domestic building • Hotels and hospital (as per NBC)
- Power plant and hydro plant



**V3, V4, V6, V8, V10 REWINDABLE  
SUBMERSIBLE MOTORS**

#### PERFORMANCE

Rating : 0.5 HP to 252 HP

#### FEATURES

- High operating efficiency and lesser power consumption
- Water cooled Rewindable motor
- Can be easily dismantled and repaired
- Industry standard NEMA mounting dimensions
- Cable material according to drinking water regulations
- Mech. Seal : Sic vs Sic/ Optional
- SIC shaft seal for maximum sand protection
- Easy to mount with double flange
- Optional PT 100 Sensor

#### APPLICATIONS

These Submersible motors are

- Suitable to couple with deep-well submersible pump ends
- Used for Irrigation, domestic water supply
- Fountains, Industrial water supply
- Pressure boosting units
- Ponds, Gardens,
- Sprinkler Systems and Mining.



**V3, V4, V6, V8, V9, V10 & V12  
STAINLESS STEEL SUBMERSIBLE PUMPS**  
QF Series

#### PERFORMANCE

Head, H : Max. 660 m

Flow, Q : 440 m<sup>3</sup>/hr

Liquid Temp. : 0°C to 60°C

Discharge : Max. 7333 LPM

Rating : 0.5 HP to 335 HP

#### FEATURES

- High operating efficiency
- Highly durable & hygienic
- Good resistance to sand
- Can be easily dismantled and repaired
- Can handle upthrust load

#### APPLICATIONS

- Irrigation, domestic water supply
- Fountains, industrial water supply
- Pressure boosting units, ponds
- Gardens, sprinkler systems and mining



**IMMERSIBLE PUMPS**  
SMTR Series

#### PERFORMANCE

Head, H : Max. 230 m

Flow, Q : 8.5 m<sup>3</sup>/hr

Discharge : Max. 140 LPM

Rating : 0.5 HP to 7.5 HP

#### FEATURES

- Flexible installation length
- Reliable
- Easy installation & service

#### APPLICATIONS

Suitable for pumping cooling lubricants for

- EDM machine tools
- Grinding machines
- Machining centers
- Cooling units
- Industrial washing machines
- Filtering systems
- Lathes
- Chip conveyors
- Condensate



**SEWAGE PUMPS**  
SVX Series

#### PERFORMANCE

Head, H : Max. 15 m

Flow, Q : 30 m<sup>3</sup>/hr

Discharge : Max. 500 LPM

Rating : 1 HP to 1.5 HP

#### FEATURES

- High quality stainless steel motor body
- Built-in winding parts
- Rewindable and easy to repair

#### APPLICATIONS

- Draining flooded water from the basement / car parking
- Draining water / car washes / emptying swimming pools
- Water treatment plant / STP
- Municipal Corporation drainage line
- Municipal Corporation drainage tankers
- Emptying tanks in industries



**SEWAGE PUMPS**  
SDW Series

#### PERFORMANCE

Head, H : 5-34 m

Flow, Q : 2-234 m<sup>3</sup>/hr

Discharge : 34-3910 LPM

Rating : 1 HP to 10 HP

#### FEATURES

- Anti-Rust Corrosive motor housing
- Non -clogging, minimized abrasive wear
- Superior back to back double mechanical seal
- High efficiency motor: Specially designed submersible motor with IP68 Protection and F Class Insulation

#### APPLICATIONS :

- Waste water drainage in factories, Construction Sites and Commercial Facilities
- Drainage system in municipal sewage treatment plant
- Municipal Projects
- Industrial Sewage and Effluent treatment Plants
- Residential and building projects





## DOMESTIC WATER PRESSURE BOOSTER PUMPS

SJP Series

### PERFORMANCE

Head, H : Max. 30 m

Discharge : Max. 63 LPM

Flow, Q : 3.8 m<sup>3</sup>/hr

Rating : 1 HP

### APPLICATIONS

- Wide variety of water supply and transfer duties in homes
- Used for agriculture and horticulture
- Used for small scale service industries
- Gardening and hobby activities

### FEATURES

- Self-priming pump
- Stable operation even in case of air pockets in the liquid
- Easy installation
- Dynamically balanced rotating parts to ensure minimum vibration during running
- Silent Operation
- Replaceable wearing parts and hence longer life
- Easy maintenance and spares availability
- Automatic start/stop when equipped with Press Control or pressure tank.
- Booster sets for small-scale water supply
- Inbuilt ejector, fitted with an ejector valve or a plug having two different setting possibilities (open & close) for maximum discharge, maximum efficiency, etc.



## PRESSURE BOOSTER PUMPS

SH Series

### PERFORMANCE

Head, H : Max. 58 m

Discharge : Max. 233 LPM

Flow, Q : 14 m<sup>3</sup>/hr

Rating : 0.5 HP to 3 HP

### FEATURES

- Compact design
- Worldwide usage
- High reliability
- Easy to service and install
- Silent Operation
- Wide performance range
- Full stainless steel design
- Booster sets for domestic water supply
- Automatic start / stop when equipped with press control or pressure tank.

### APPLICATIONS

- Suitable for liquid transfer
- Small industrial water supply systems
- Washing systems
- HVAC
- Water treatment systems
- Fire fighting systems
- Industrial plants
- Boiler feed systems
- Pressure boosting systems
- Domestic water supply
- Horticultural irrigation systems



## PRESSURE BOOSTER PUMPS

SCM Series

### PERFORMANCE

Head, H : Max. 125 m

Discharge : Max. 100 LPM

Flow, Q : 6 m<sup>3</sup>/hr

Rating : 0.5 HP to 5 HP

### FEATURES

- Compact design
- Worldwide usage
- High reliability
- Easy to service and install
- Silent operation
- Wide performance range
- Full stainless steel design
- Booster sets for domestic water supply
- Automatic start / stop when equipped with press control or pressure tank

### APPLICATIONS

- Suitable for liquid transfer
- Small industrial water supply systems
- Washing systems
- HVAC
- Water treatment systems
- Fire fighting systems
- Industrial plants
- Boiler feed systems
- Pressure boosting systems
- Domestic water supply
- Horticultural irrigation systems



## VERTICAL MULTISTAGE CENTRIFUGAL PUMPS

SCR, SCRI, SCR Series

### PERFORMANCE

Head, H : Max. 322 m

Discharge : Max. 2833 LPM

Flow, Q : 170 m<sup>3</sup>/hr

Rating : 0.5 HP to 100 HP

Liquid Temp : -40°C to +180°C

### FEATURES

- High operating efficiency
- Precise parts for hygiene
- Space saving
- Suitable for slightly aggressive liquids
- Mech. Seal : Sic vs Sic/ Optional

### APPLICATIONS

The pumps are suitable for liquid transfer and pressure boosting in

- Washing systems
- HVAC
- Water supply systems
- Water treatment systems
- Fire fighting systems
- Industrial plants
- Boiler feeding systems
- Pharma plants



## SINGLE SHAFT VERTICAL MULTISTAGE PUMPS

RO Series

### PERFORMANCE

Head, H : Max. 149 m

Discharge : Max. 80 LPM

Flow, Q : 4.8 m<sup>3</sup>/hr

Rating : 0.5 HP to 3 HP

Temp. : 0°C to +90°C

### FEATURES

- Stainless steel impellers, shaft and stage casings (SS 304/SS 316)
- Strengthened cartridge seals
- All single phase motors are fitted with thermal motor protector
- Enhanced hydraulic efficiency
- Good compatibility and environment friendly
- Low noise level and low vibration level

### APPLICATIONS

- Industrial and domestic pressure boosting
- RO/DM plant/Water circulation
- Air conditioning & chiller plant
- Horticultural irrigation
- Domestic water supply



**MONOBLOCK PUMPS**  
SMB Twin Series

#### PERFORMANCE

Suction & Delivery Pipe Size (mm)	: 50x40	65x50
Head, H (m)	: Max 40.0	Max. 40.0
Discharge (LPM)	: Max. 400	Max. 532
Flow, Q (m <sup>3</sup> /hr)	: 24	32
Rating (HP)	: 3	4

#### FEATURES

- Suction and discharge flange are PN 16 according to EN 1092-2 & ASME B 16.5
- The mechanical shaft seal has dimensions according to EN 12756

#### APPLICATIONS

- Filtration & transfer at waterworks • Fire protection systems • Aquafarming
- Pressure boosting in high- rise building, hotels, etc • Industrial washing & cleaning systems



**HORIZONTAL OPENWELL  
SUBMERSIBLE PUMPS**  
SHOC Series

#### PERFORMANCE

Head, H :	4 m to 30 m	Discharge :	30 LPM to 310 LPM
Flow, Q :	18 m <sup>3</sup> /hr	Rating :	0.5 HP to 1.5 HP

#### FEATURES

- Designed for under water application • No fear of motor burning out
- Replicable wear and tear parts, easy maintenance
- Easy installation as foundation and installation platform is not required
- Dynamically balanced rotating part for minimum vibration

#### APPLICATIONS

- Water supply in apartments and buildings • Fountains
- Small Farm irrigation • Gardening



**MONOBLOCK PUMPS**  
SSM Series

#### PERFORMANCE

Head, H :	6 m to 30 m	Discharge :	35 LPM to 920 LPM	kW
Flow, Q :	55 m <sup>3</sup> /hr	Rating :	0.5 HP to 2 HP	
Voltage :	100 to 200V, 140 to 250 V, 100 to 300 V, 160 to 420V			

#### FEATURES

- Dynamically balanced rotor with shaft and impellers
- TEFC capacitor start and run motor • Built in thermal overload protecto
- Withstand wide voltage fluctuations • Sturdy motor design
- Double shield ball bearing with lift long lubrication

#### APPLICATIONS

- Hotel, hospitals • Water supply in irrigation
- Sprinkler irrigation system • Agriculture use



**SUCTION VERTICAL CENTRIFUGAL PUMP**  
SCP Series

#### PERFORMANCE

Flow	: 1.5 2400 m <sup>3</sup> /h
Stroke	: 4 - 160 m

#### FEATURES

- Compact structure • Easy to mount • Easy to maintain
- Stable running, low noise, high concentricity of components
- According to the operation condition of the worksite, may be vertically, horizontally etc

#### APPLICATIONS

- Used to transport pure-water and other liquids, the physical properties of which are similar to those of pure-water, in industrial and cities water supply and drainage, high buildings booster water supply, gardens irrigation, fire-fighting booster, remote water supply, warming systems, circular booster of cold & hot water the operation medium temperature is below 80



**HORIZONTAL SPLIT CASE PUMP**  
SHS Series

#### PERFORMANCE

Head, H :	up to 225 m	Rating :	3 HP to 2682 HP
Flow, Q :	11660 m <sup>3</sup> /h		

#### FEATURES

- Impellers are hydraulically balanced
- The rotating assembly is dynamically balanced
- The pumps are non-self-priming, centrifugal volute pumps with radial inlet and radial outlet ports and horizontal shaft

#### APPLICATIONS

- Fire-fighting system • Electric power station • Air-conditioning circulation
- Irrigation, building, industrial water supply system





## VALVE FOR MARINE & INDUSTRIAL

### PERFORMANCE

ANSI Class 150 : upto 4"

ANSI Class 600 : upto 2"

ANSI Class 300 : upto 4"

ANSI Class 800 : upto 2"

### FEATURES

- Mirror-finished solid ball
- Tight Sealing and Consistent Low Torque
- Body and bonnet - Investment Casting with uniform sections, precision machined
- Guided plug-type disc, Free-floating stem-disc connection - Uniform seating

### APPLICATIONS

- Used mainly for throttling application
- pressure drop and bi-directional on-off service
- Regulate the flow in a pipe



## DRIP FOR MARINE & INDUSTRIAL

### PERFORMANCE

Size : 12 to 20 mm

Discharge : 1 LPH to 4 LPH

Shape : Flat / Round

### FEATURES

- Made after intensive R&D
- State-of-the-art machines
- Comparatively lower cost in terms of production and quality
- Continuous and ideal flow of water from high quality drippers

### APPLICATIONS

- Water & Power saving
- Lesser supervision required
- Tremendous improvement in quality & yield of crop



## HYDROPNEUMATIC BOOSTER SYSTEMS HYPN Series

### PERFORMANCE

Head, H : 20 Bar

Flow, Q : 360 m<sup>3</sup>/hr

Power : upto 45 kW

### FEATURES

- Cyclical inversion of the start-up order of the pumps
- Pump stop timer
- Protection against dry operation
- Sequential start-up control
- Compact System
- Zero Flow Sensing
- Assured Dry Running Protection
- Pre-Start Feature
- Minimum Maintenance Required
- Factory Fitted, Assembled & Tested System
- 2 to 4 nos. of electrical driven pumps on Vertical or Horizontal axis.
- MS Galvanized pipe work & Epoxy Coated Skids

### APPLICATIONS

- Building Sector
- Municipal Corporation Water Supply
- Irrigation
- Automobile Sector
- Industrial



## DIGITAL STARTER

### PERFORMANCE

Power : 0.5HP - 12.5HP

Over voltage : 437V

Voltage : AC220V - AC330V

Under voltage : 130V

### FEATURES

- Auto / Manual switch
- Liquid level control or float switch
- Reserved space for installing internally run capacitor of pump motor
- Protects the pump against many faults

### APPLICATIONS

- Domestic water supply
- Agricultural usage
- Industrial Application
- Waste water management
- Irrigation in horticulture & agriculture



## CABLE SUBMERSIBLE PUMP



Authorised Dealer / Distributor :