



# 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





## DOMESTIC WATER PRESSURE BOOSTER PUMPS

SJP Series

### PERFORMANCE

Head, H : Max. 30 m  
Flow, Q : 3.8 m<sup>3</sup>/hr

Discharge : Max. 63 LPM  
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  
Flow, Q : 14 m<sup>3</sup>/hr

Discharge : Max. 233 LPM  
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  
Flow, Q : 6 m<sup>3</sup>/hr

Discharge : Max. 100 LPM  
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, SCRN Series

### PERFORMANCE

Head, H : Max. 322 m  
Flow, Q : 170 m<sup>3</sup>/hr  
Liquid Temp : -40°C to +180°C

Discharge : Max. 2833 LPM  
Rating : 0.5 HP to 100 HP

### 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  
Flow, Q : 4.8 m<sup>3</sup>/hr  
Temp. : 0°C to +90°C

Discharge : Max. 80 LPM  
Rating : 0.5 HP to 3 HP

### 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
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		kW

**FEATURES**

- Dynamically balanced rotor with shaft and impellers
- TEFC capacitor start and run motor
- Built in thermal overload protection
- 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



## DRIP FOR MARINE & INDUSTRIAL



## HYDROPNEUMATIC BOOSTER SYSTEMS HYPN Series



## DIGITAL STARTER



## CABLE SUBMERSIBLE PUMP

### 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

### 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

### 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

### 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



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