



**SHAKTI**<sup>®</sup>

**PUMPING LIFE**



## PRODUCT SEGMENTS



### COMPLETE PUMPING SOLUTIONS



Authorised Distributor :

**SHAKTI PUMPS AUSTRALIA PTY LTD.**

Melbourne Australia, Contact Number: 0 423 894 069 ,  
E-mail: info@shaktipumps.com.au



[www.shaktipumps.com](http://www.shaktipumps.com)



## 3", 4", 6", 8", 9", 10" & 12" WELL SIZE STAINLESS STEEL SUBMERSIBLE PUMPS



QF Series

### PERFORMANCE

Head, H : Max. 660 m      Discharge : Max. 7333 LPM  
Flow, Q : 440 m<sup>3</sup>/hr      Rating : 0.5 HP to 335 HP  
Liquid Temp. : 0°C to 60°C

### 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

### DELIVERY 32 MM, 38 MM, 50 MM, 65 MM, 75 MM, 100 MM, 150 MM

## 3", 4", 6", 8" & 10" REWINDABLE SUBMERSIBLE MOTORS



### PERFORMANCE

Rating 0.5 HP to 252 HP

### FEATURES

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

### APPLICATIONS

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

## VERTICAL MULTISTAGE CENTRIFUGAL PUMPS (SCR, SCRI, SCRN Series)



### PERFORMANCE

Head, H : Max. 322 m      Discharge : Max. 3080 LPM      Flow, Q : 185 m<sup>3</sup>/hr  
Rating : 0.5 HP to 75 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

### SUCTION X DELIVERY - 32 MM, 40 MM, 50 MM, 65 MM, 80 MM, 100 MM, 125 MM, 150 MM

## 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

### SUCTION X DELIVERY - 32 MM, 40 MM, 50 MM, 65 MM, 80 MM, 100 MM, 125 MM.

## PRESSURE BOOSTER PUMPS SCM Series



### PERFORMANCE

Head, H : Max. 125 m      Discharge : Max. 418 LPM  
Flow, Q : 25 m<sup>3</sup>/hr      Rating : 0.75 HP to 7.5 HP

### FEATURES

- Compact design
- Worldwide usage
- 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
- High reliability

### 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

### SUCTION X DELIVERY - 25 MM, 32 MM

## 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
- Wide performance range
- Full stainless steel design
- Booster sets for domestic water supply
- Automatic start / stop when equipped with press control or pressure tank.
- Silent Operation

### 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

### SUCTION X DELIVERY - 25 MM, 32 MM, 40 MM

## IMMERSIBLE PUMPS SMTR Series



### PERFORMANCE

Head, H : Max. 320 m      Discharge : Max. 1250 LPM  
Flow, Q : 75 m<sup>3</sup>/hr      Rating : 0.5 HP to 60 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

### DELIVERY - 32 MM, 40 MM

## 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

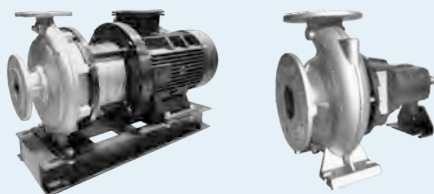
- Stainless steel impellers, shaft and stage casings (SS 304/SS 316)
- Strengthened cartridge seals
- All single phase motors are fitted with thermal motor protector
- Enhanced hydraulic efficiency
- Good compatibility and environment friendly
- Low noise level and low vibration level

### APPLICATIONS

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

### DELIVERY - 25 MM

## MONOBLOCK & END SUCTION PUMPS SNB, SNK Series



### PERFORMANCE

POLES	Head, H	Discharge	Flow, Q	Rating
2- POLE	Max 150 m	Max 5000 LPM	300 m <sup>3</sup> /hr	2- 220 HP
4- POLE	Max 110 m	Max 7500 LPM	450 m <sup>3</sup> /hr	0.33 - 120 HP
6- POLE	Max 32 m	Max 4830 LPM	290 m <sup>3</sup> /hr	3-40 HP

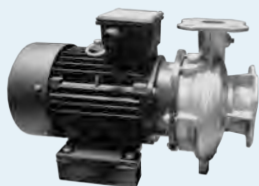
### FEATURES

- 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
- Fire Fighting

## MONOBLOCK END-SUCTION SINGLE SHAFT PUMPS (SMB)



### PERFORMANCE

Head, H : Max. 78 m      Discharge : Max. 2000 LPM  
Flow, Q : 120 m<sup>3</sup>/hr      Rating : 0.5 HP to 15 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

### SUCTION X DELIVERY - 25 MM, 32 MM, 40 MM, 50 MM

## SEWAGE PUMPS (SVX Series)



### PERFORMANCE

Head, H : Max. 15 m  
Discharge : Max. 500 LPM  
Flow, Q : 30 m<sup>3</sup>/hr  
Rating : 01 HP to 1.5 HP

### DELIVERY - 40 MM, 50 MM

### FEATURES

- Anti-Rust Corrosive motor housing
- Rewindable & easy to repair
- Non -clogging, minimized abrasive wear
- Superior back to back double mechanical seal
- Enable to rotate 180° of motor housing with the help of unique clamp system
- High efficiency motor: Specially designed submersible motor with IP68 Protection and F Class Insulation
- Single phase and three phase motor with fully insulated cable connection chamber.
- Grinder at inlet of pump which grinds solids into small pieces so that they can be led away through discharge pipes of a relatively small diameter.

### APPLICATIONS

- Draining water / car washes / emptying swimming pools
- Municipal Corporation drainage line / tankers
- Industrial Sewage & Effluent treatment Plants
- Waste water drainage in factories, Construction Sites & Commercial Facilities
- Water treatment plant / STP
- Used in sparsely populated area where gravity sewage system are not available.
- For example :- small village and farm area with large difference in ground level.

## SEWAGE PUMPS (SDW Series)



### PERFORMANCE

Head, H : 5 m to 34 m  
Discharge : 34 LPM to 3910 LPM  
Flow, Q : 2 to 234 m<sup>3</sup>/hr  
Rating : 1 HP to 10 HP

### DELIVERY - 50 MM, 60 MM, 100 MM, 150 MM

## SHAKTI WASTE WATER PUMPS (SSEG Series)



### PERFORMANCE

Head, H : Max. 46 m  
Discharge : 285 LPM  
Flow, Q : 17 m<sup>3</sup>/hr  
Rating : 1.5 HP to 5.5 HP

### DELIVERY - 25 MM



## SIMHA UNIVERSAL DRIVE

Certification : IEC 61683, IEC 600682-2-(1,2,14,30),  
IS 16221-2 (IEC 62109-2), IEC 60529, EN 50530



### ○ FEATURES

- Supports wide varieties of motors
- Independent data logging facility
- Dust-proof & rain-proof ip 65 design
- Wide temperature range
- Plug & play shock-proof connectors
- Graphical lcd foreasy operation
- Inbuilt mobile charger port
- Powered with remote monitoring system

### ○ APPLICATIONS

- All in one solution for driving of various motors like AC-IM, PMSM, IPMSM etc.

## KALPAVRIKSHA



### ○ FEATURES

- Pump Runs from Solar
- Pump Operation Without Grid is also Possible
- Works with ACIM, PMSM & IPMSM
- Simultaneous Operation of VFD & Inverter
- Delivers Additional Power to Grid
- Maximum Utilization of Energy

### ○ APPLICATIONS

- Runs pump for agriculture
- Feeds extra power to the grid
- Increases farmer's income

## ELITE SOFT STARTER

Patented Technology  
IP No. 201721019554A, 201821013344 & 201821013345



### ○ FEATURES

- Softly start & softly stop the motor
- Ensures longer life of the motor
- Covers 3 phase ac-im & shakti's s4rm motor
- User friendly display
- Better protection
- Gprs enabled

### ○ APPLICATIONS

- To softly start and softly stop agricultural and industrial three phase AC-IM and Shakti's S4RM Motors.

## A1 SMART STARTER



### ○ FEATURES

- Energy Metering
- Ensures longer life of the motor
- Better protection
- GPRS & Bluetooth Enabled
- User Friendly Display
- Covers 1 Phase AC-IM

### ○ APPLICATIONS

Suitable for 1-Phase AC induction motor.

### ○ BENEFITS

- Smooth operation
- Inbuilt Auto Switch
- Ingress protection includes overload, under/over voltage trip, transient surge, pump stalled trip.
- IP 54 design
- Seven segment display for easy monitoring.
- Wireless connectivity via Bluetooth and GPRS.
- Inbuilt Space for Capacitor



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