

ELECTRIC MOTORS - SINGLE PHASE AND THREE PHASE

Features

- High-Grade Castings, Shaft - EN8 Steel
- Rotors - Pressure diecast and dynamically balanced
- Stator - Comeback low last electrical grade steel laminations.
- Stator Winding - Copper wire to give high conductivity
- Windings are tested on Surge comparison tester
- Motors are painted with rust proof paint
- High efficiency Performance are as per IS325 & IS2165
- Used as a Prime Mover
- Used in Borewel Compressor
- Used in all Industrial machineries
- Used in wet-grinders
- Used in Carpentry Works
- Used in Mosaic Polishing

Power Range	Stages	Head Max.	Flow Max.
0.37-22.5kW / 0.5 -30.0 HP	3 - 40	15 to 490 mtrs.	50 to 950 lpm



DEWATERING SUBMERSIBLE PUMP 1.0 HP

Features

- Lightweight
- Compact, robust, and sturdy
- Double mechanical seal
- Built-in motor production unit
- Water / Oilproof double sheathed cable
- Up to 10 Mtrs submergence

Application

- Used in Apartments & Individual Villas
- Used in Hotels & Hostels
- Used in Hospitals
- Dewatering applications
- Used in Construction



BUFFER MOTOR & BENCH GRINDER / POLISHER

Features

- High grade cast iron /aluminium body
- Rigid grinding wheel fortough usage
- Fitted with rotary switches
- Custom fit with one side erinding wheel
- & other side polishing wheel is possible

Application

- Precise grinding of single point high speed steel, cast alloy and carbide tipped tools
- Grinding of knives, chisels, punches in tool rooms & factories

Power Range	Insulation Class	Speed
0.37-11.2 kW / 0.5 -15.0 HP	A, B	51440 / 2880 RPM

SELF PRIMING REGENERATIVE PUMPS

Features

- Lower Power Consumption
- Noiseless Operation
- Longer working Life
- More Water Discharge in its class
- No need to fit foot valve

Application

- More suitable for wide voltage operation
- Building Curing Purpose
- Domestic Water Lifting
- Small Lawn Watering

Power Range	Version	Pump Size	Head Max.	Flow Max.
0.37-1.1kW /0.5-1.5HP	1Ph - 230V - 50Hz	25x25mm	6- 45 m	3200 - 300 LPH



HIGH SUCTION SELF PRIMING PUMPS

Features

- Quick & More Suction Capacity
- Noiseless Operation
- Lowest Power Consumption
- More water Discharge in its class
- No need to fit foot valve
- Trouble free operation for longer period

Application

- Domestic use in Individual Houses, Hotels Apartments and Etc
- Garden and Sprinklers
- Long distance horizontal water suction
- Water circulating Systems

Power Range	Version	Pump Size	Head Max.	Flow Max.
0.37-0.75kW / 0.5 -1.0 HP	1Ph - 230V - 50Hz	25x25mm	6-45 m	2500- 300 LPH



SHALLOW WELL PUMPS

Features

- High Self Priming Suction Capacity Jet
- Centrifugal Impeller - More Water Discharge
- Lowest Power Consumption
- Rigid Construction
- Trouble free operation for longer period

Application

- More suitable for pumping from shallow well
- Pressure Boosting
- Long distance horizontal water suction
- Most suitable to fit with hand pump pipe lines

Power Range	Version	Pump Size	Head Max.	Flow Max.
0.37-0.75kW / 0.5 -1.0 HP	1Ph - 230V - 50Hz	25x25mm	40m / 135ft	3.5m³/h

CENTRIFUGAL MONOBLOCK PUMPS

Features

- More water discharge
- Highly Efficient in its class.
- Lowest Power Consumption
- Noise Free Operation
- Trouble free operation for longer period

Application

- Pumping water from Sump
- More Suitable for more domestic water requirements
- Small gardens, Lawn Sprinklers, Wash etc

Power Range	Version		Head Max.	Flow Max.
0.37-3.7kW /0.5-5HP	1Ph - 230V - 50Hz	3Ph - 380V - 50Hz	8 – 40 m	1450 LPM – 50 LPM

Pump Sizes : 25x25mm, 32x25mm, 65x50mm, 75x65mm, 100x75mm



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HORIZONTAL OPEN WELL SUBMERSIBLE PUMPS - SINGLE PHASE

Features

- Dynamically balanced rotating parts for bearing reliability and Vibration free smooth running
- Careful Design and Rigid Construction
- Fitted with quality Seal
- Trouble & Rust free operations for longer period
- Operated in wide range of Voltage

Application

- Water supply for Apartments, Buildings and Hotels
- Water supply for Gardens and Fountains
- Over tanks and Sump application

Power Range	Version	Pump Size	Head Max.	Flow Max.
2.2-11.2kW / 3.0-15HP	1Ph - 230V - 50Hz	50, 65 & 75mm	6 -50 m	1980 - 270lpm



BORE WELL JET PUMP

Features

- Careful Design and Rigid Construction
- Appropriate twin and pack type accessories
- Noise free Operation
- Trouble free operation for longer period
- Can be operated in tail pipe application up to 3 meters

Application

- Deepwell Pumping upto 120 feet
- Delivery upto 50 feet
- Suitable for pumping water from sandy borewells also

Power Range	Version	Pump Size	Head Max.	Flow Max.
0.37-1.1kW / 0.5 -1.5 HP	1Ph - 230V - 50Hz	32x25mm	55 Mtrs.	17000 - 450 lph



PRESSURE BOOSTER PUMP

Features

- Aluminium motor body for better heat dissipation
- Stainless steel Impellers and Brass Valves
- Quality pressure switch - Automatic cut off
- Pressure Gauge for noting and setting the pressure
- Lower power consumption • Easy maintenance.
- Pressure tank with wall thickness

Application

- Residential houses, Hotels, Hospitals, Apartments and Industries
- Small irrigation systems - Fountains and sprinklers
- High pressure cleaning in Milk Factories and Dish washer applications

Power Range	Version	Pump Size	Head Max.	Flow Max.
0.37-0.75kW / 0.5 -1.0 HP	1Ph - 230V - 50Hz	25x25mm	40m / 135ft	3.5m³/h



BOREWELL COMPRESSOR PUMPSET MONOBLOCK TYPE

Features

- Shell moulded casting
- Interchangeable Standardized Parts
- Honed Cylinders to give Extra Long Life
- Crank and connecting Rod are made of special Alloy Steel Forgings
- Needs no foot valve /Jet, hence easy to install and maintain
- Water outflow through delivery pipe will be pulsated and not continuous

Application

- Ideal for lifting water from deep borewells
- Low yield borewell
- Effectively used for Agriculture, Industry and Domestic Purposes
- Loose soil borewell

Power Range
0.75-1.5kW / 1.0 -2.0 HP
Head Range
30 – 150 m
Version
1Ph - 230V - 50Hz



RECIPROCATING AIR COMPRESSOR

Features

- Longer life
- Low noise level/vibration
- Easy to operate
- Low oil consumption
- Minimum maintenance
- Low operating costs

Application

- Used in Rice Mills
- Operated by Pneumatic
- Used for painting & cleaning applications.
- Used in tyre inflation.

Technical Specifications

- Platen : Automotive type low expansion aluminium alloy
- Cylinder Valve Plates : Special cast iron deep finned for quick heat dissipation
- Crank Shaft : Deep finned aluminium alloy specially designed to keep temperatures low and minimise formation of carbon
- Diaphragm Pressure : Made of Carbon steel and dynamically balanced with roller bearings



V3 & V4 SUBMERSIBLE PUMPS WATER COOLED - SINGLE PHASE

Features

- Borewell applications
- Domestic and Industrial Gardening water supply
- Sprinklers and Drip Irrigation Systems

Application

- Available in Single and Three phase
- Suitable for 100 mm borewells
- Motors are easy rewindble
- Durable and steady design to work in all conditions
- Operated in wide voltage range
- Noiseless operation

Power Range	Pump Size	Head Max.	Flow Max.
0.37-0.75kW / 0.5 -1.0 HP	3" and 4"	342m / 1120ft	18m³/h



HORIZONTAL & VERTICAL OPENWELL SUBMERSIBLE PUMPS - THREE PHASE

Features

- Dynamically balanced rotating parts for bearing reliability and Vibration free smooth running
- Designed for under submerged condition water applications
- Fitted with quality Seal
- Epoxy coating Hs been done inside the motor and pump body for rust free operations
- Operated in wide range of Voltage

Application

- Water supply for Apartments, Buildings and Hotels
- Water supply for Gardens and Fountains
- Over tanks and Sump application

Power Range	Version	Pump Size	Head Max.	Flow Max.
0.37-0.75kW / 0.5 -1.0 HP	1Ph - 230V - 50Hz	25x25mm	40m / 135ft	3.5m³/h



V6 SUBMERSIBLE PUMP SET (RADIAL & MIXER)

Features

- Wide voltage operations
- Rigid motor construction
- Stainless steel Impellers and Cast Iron casings for radial flow models
- Also available in SS 410 Impeller and SS Casing
- Mixed flow pump models are constructed with SS 410 Impellers and cast iron casings
- Specially designed Thrust pad

Application

- Agriculture
- Irrigation
- Gardens
- Public water supply
- Fire fighting

Power Range	Stage	Head Max.	Flow Max.
2.25-18.8kW / 3 - 25 HP	3 - 40	15 to 490 mtrs.	50 to 950 lpm