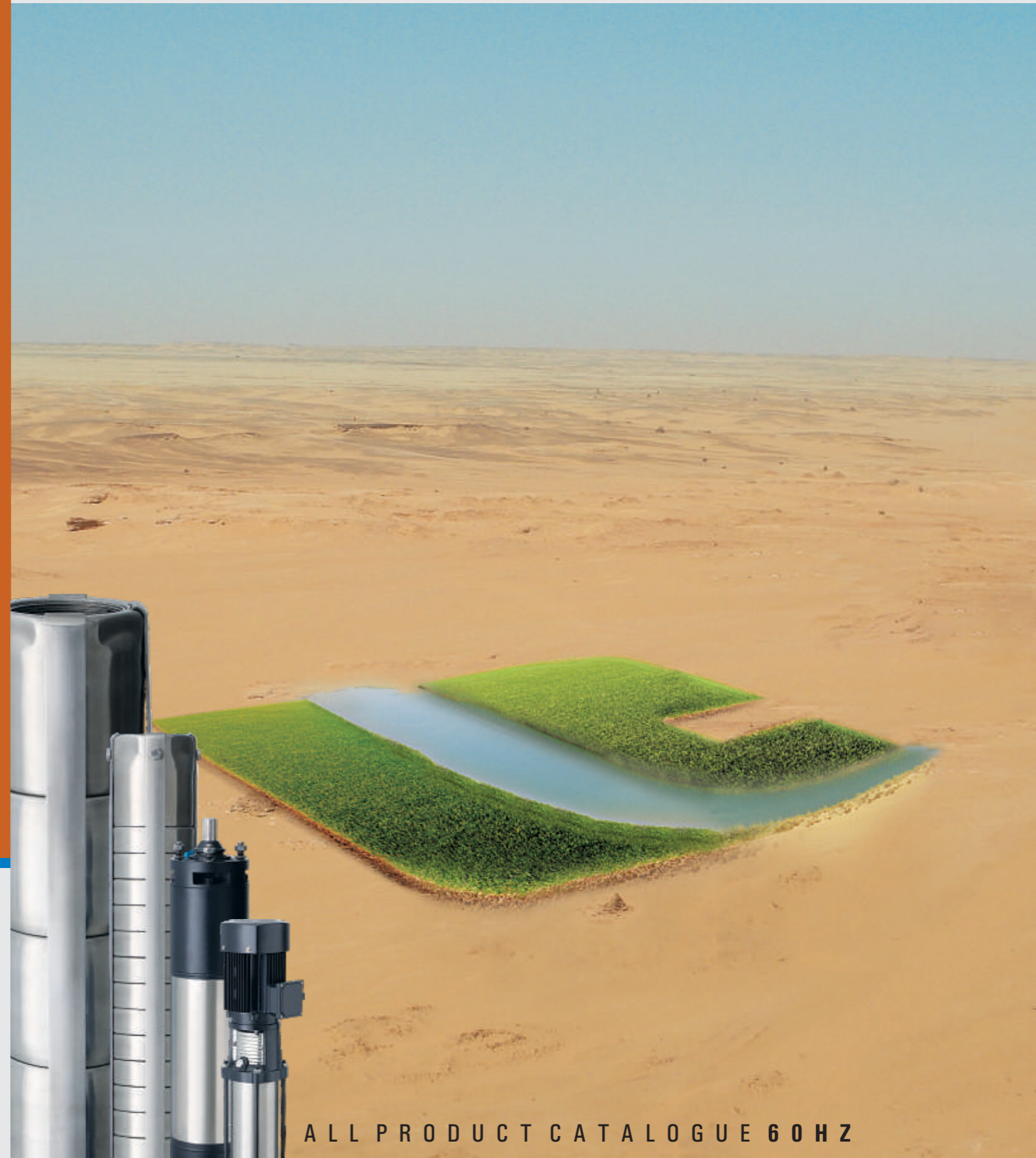


YOU GOT TO GRANT IT TO GRANSA



GB-6E-11-15-AP1



Poligono Industrail  
El.Bony Calle 31, No.137, 46470  
Catarroja (Valencia) Spain.  
Tel: +34-96 1842 974  
Fax: +34-96 1842 977.  
Email: [sales@gransapumps.com](mailto:sales@gransapumps.com)  
Website: [www.gransapumps.com](http://www.gransapumps.com)

ALL PRODUCT CATALOGUE 60 HZ

# COMPANY PROFILE



# YOU GOT TO GRANT IT TO GRANSA

First things first. Gransa is not your run-of-the-mill pump. It is the best there is. Period. In fact it is much more than just pumps. It is a movement. A revolution that can bring about change in the way we look at pumping technology. Made for the European market, Gransa incorporates inspired design with new generation technology to ensure perfection at every level. Aesthetically pleasing with its sleek hi-tech looks, every Gransa pump is a marvel of workmanship and design and technologically superior. Functionally, Gransa is in a class all its own. The performance parameters are legendary and would leave you awe struck. It is not for nothing that it is said: you got to grant it to Gransa!

The Gransa quality edge comes from our collective attitude that will not compromise, will not accept second best, will not take no for an answer and will not rest until the perfect solution is found. Every single product bears the imprint of this commitment. Right from sourcing raw material to the finished product every step is

monitored both online and offline till it meets our exacting standards. We know that there is a lot riding on the quality of the raw material used in the manufacture of the pump. That is why we invest more time and money in sourcing the finest raw material available to give you a pump that is perfect in all respects. Another area where our pumps score is in energy efficiency. In these days of depleting energy resources, we believe that it is imperative that power saving should be central to your buying decision.

The fact that the manufacturing facilities are quite extensive and state of the art makes a big difference. The infrastructure is one of the best in the world - CI foundry, fully mechanized and Steel automated Foundry, world class R&D facilities with flow dynamic software, ISO 9001 & 14001 Certified production environment, highly skilled and qualified hands and more. All contributing to a production capacity of over 1 million pumps per annum.

The range is extensive. Name the application and you can be sure there is a Gransa pump for it. Applications include irrigation, domestic, civil construction, de-watering, Fire fighting, HVAC, Industrial etc. Our 4" to 8" borehole submersible pumps meet NEMA standards.

Gransa, in keeping with its reputation as a global brand has a wide network across strategic locations worldwide with an extensive dealer presence and service support centers.



**VERTICAL MULTISTAGE  
GVS - SERIES**

**APPLICATIONS**

High rise buildings water boosting and distribution, Fire fighting, Pumping of clean liquids in Industry, Reverse osmosis & in process industries.

**FEATURES**

- High operating efficiency
- Precise parts for hygiene
- High operating pressure
- Dynamically balanced rotating parts
- Balanced and rigid construction

**SPECIFICATIONS**

Power Range : 0.5 Hp to 60 HP  
 Discharge Range : Upto 530 US GPM  
 Head Range : Upto 980 ft  
 Speed : 3450 rpm  
 Versions :  
     A/C Single Phase - 110 V / 220 V / 230 V  
     A/C Three Phase - 220 V / 230 V / 380 V / 460 V  
 Type of duty : S1 (Continuous)  
 Degree of protection : IP 55 (Optional IP44, IP54)  
 Class of insulation : F / B (Optional)



**HORIZONTAL MULTISTAGE  
PUMP GHS - SERIES**

**APPLICATIONS**

Industrial and Domestic water, Pressure boosting and Distribution, Pumping of clean liquids in Industry.

**FEATURES**

- Sturdy and compact
- High operating efficiency
- Precise parts for hygiene
- Good suction lift and operating pressure
- Dynamically balanced rotating parts
- Balanced and rigid construction
- Inbuilt thermal overload protector in all single phase pumps.

**SPECIFICATIONS**

Power Range : 0.37 to 3.0 HP  
 Speed : 3450 rpm  
 Type of duty : S1 (Continuous)  
 Degree Of Rotation : Clock wise viewed from Driving end  
 Degree of protection : IP 54  
 Class of Insulation : 'F' & 'B' (Optional)  
 Discharge range Upto : 5 to 60 US GPM  
 Head Range Upto : 16 to 185 ft  
 Versions :  
     A.C. Single Phase - 110 V / 220 V / 230 V  
     A.C. Three Phase - 220 V / 230 V / 380 V / 460 V  
 Suction lift Upto : 7m  
 Max. Liquid Temp : 90°C  
 Max. Ambient Temp : 40°C



**MEDIUM SEWAGE PUMPS  
GSM - SERIES**

**APPLICATIONS**

Pumping waste water in Industries, Municipal sewage water, Stock farms, Hotels, Septic tanks, Commercial buildings, Sewage treatment plants, Tunnels, Mines & Leather factories

**FEATURES**

- High efficiency copper wound motor
- Heavy duty bearings
- Safe and quite operation
- Multi-purpose applications
- Multi impeller design.

**SPECIFICATIONS**

Power Range : 2 to 10 HP  
 Speed : 3450 rpm  
 Version : 220 V / 230 V / 380 V / 460 V / 660 V - 3PH  
 Max. Flow : 22 to 462 US GPM  
 Max. Head : 134 ft  
 Impeller : Vortex / Semi Open / Channel  
 Mechanical Seal : Hard Alloy - Silicon / Carbon - Silicon  
 Outlet : 2", 3", 4"  
 Max. Liquid Temp : 40°C  
 Class of Insulation : E  
 Degree of Protection : IP 68



**MEDIUM DRINAGE PUMPS  
GDM - SERIES**

**APPLICATIONS**

Pumping Industry, Municipal, Stock farms, Hotels, Commercial buildings, Waste waters, Tunnels and Mines.

**FEATURES**

- High efficiency copper wound motor
- Heavy duty bearings
- Safe and quite operation
- Multi-purpose applications

**SPECIFICATIONS**

Power Range : 2 to 30 HP  
 Speed : 3450 RPM  
 Version : 220 V / 230 V / 380 V / 460 V / 660 V - 3PH  
 Max. Flow : 1200 US GPM  
 Max. Head : 160 ft  
 Impeller : Closed double channel / Semi open Multi-channel  
 Mechanical seal : Carbon -Silicon  
 Outlet : 2", 3", 4", 6" & 10"  
 Max. Liquid Temp : 40°C  
 Class of Insulation : F  
 Degree of Protection : IP 68



**LIGHT  
WASTE WATER PUMPS  
GDL & GSL - SERIES**

**APPLICATIONS**

Pumping waste water in Industries, Municipal sewage water, Stock farms, Septic tanks, Sewage treatment plants, Tunnels, Mines & Leather factories.

**FEATURES**

- High efficiency copper wound motor
- Heavy duty bearings
- Safe and quite operation
- Multi-purpose applications
- Float switches to avoid dry run

**SPECIFICATIONS**

Power Range : 0.33 to 1.5 HP  
 Speed : 3450 rpm  
 Versions :  
     A/C Single Phase - 110 V / 220 V / 230 V  
     A/C Three Phase - 220 V / 230 V / 380 V / 460 V  
 Max Flow : 10 to 128 US GPM  
 Max. Head : Upto 49 ft  
 Solid Passage : 20 to 50 mm  
 Impeller : Closed, Semi Open, Double, Multi, Vortex/Cutter types  
 Mechanical Seal : Carbon Ceramic  
 Outlet : 2", 2½", 3", 4", 6"  
 Class of Insulation : B / E  
 Max. Liquid temp : 40° C  
 Max. Immersible depth : 5 m  
 Degree of Protection : IP 68



**HEAVY SEWAGE PUMPS  
GSH - SERIES**

**APPLICATIONS**

Pumping waste water in Industries, Municipal sewage water, Stock farms, Hotels, Septic tanks, Commercial buildings, Sewage treatment plants, Tunnels, Mines & Leather factories.

**FEATURES**

- High efficiency copper wound motor
- Heavy duty bearings
- Safe and quite operation
- Multi-purpose applications
- Multi-Impeller design

**SPECIFICATIONS**

Power Range : 3450 RPM - 7.5 to 75 HP  
 1800 RPM - 10 to 50 HP  
 Version : 220 V / 230 V / 380 V / 460 V / 660 V - 3PH  
 Solid Passage : Up to 100 mm  
 Max. Flow : 3400 US GPM  
 Max. Head : 265 ft  
 Impeller : Closed, Double Channel  
 Mechanical Seal : Hard Alloy - Silicon  
 Outlet : 2", 2½", 3", 4", 6", 8" & 10"  
 Max. Liquid Temp : 40°C  
 Class of Insulation : F  
 Degree of Protection : IP 68



**BOTTOM SUCTION PUMPS  
5 GBP - SERIES**

**APPLICATIONS**

Residential, Sprinkler irrigation systems, Pressure Boosting, Garden Irrigation, Drainage, Civil & Industrial water supply.

**FEATURES**

- Silent Operation
- Float switch to avoid dry run
- Reliable double sealing system
- Fitted with Thermal overload protector

**SPECIFICATIONS**

Power Range : 1.1 Hp to 2.7 HP  
 Speed : 3450 rpm  
 Versions  
 Discharge Range : 5.2 to 31.0 US GPM  
 Head Range : 55 to 311 ft.  
 Degree of protection : IP 68  
 Class of insulation : "F"  
 Versions :  
 A/C Single Phase - 110 V / 220 V / 230 V  
 A/C Three Phase - 220 V / 230 V / 380 V / 460 V  
 Maximum Liquid Temperature : 40° C  
 Max. Immersion depth : 20 m



**DC SOLAR PUMPS**

**APPLICATIONS**

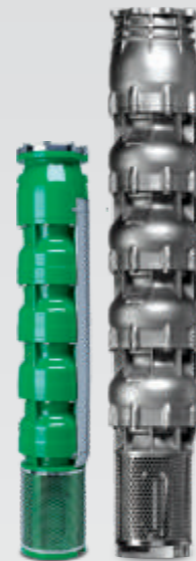
These pumps are used at places where there is no power distribution.

**SPECIFICATIONS**

DC power range in watts : ( 80 to 1000 W )  
 Max. flow range : 7 m<sup>3</sup>/h  
 Max. head range : 120 m - 488 m

**DC SURFACE PUMPS**

Power in watts  
 Peripheral : 120 & 210 W  
 Jet : 120 & 500 W  
 Pool : 600 & 500 W  
 Screw : 1000 W  
 Max. flow  
 Peripheral : 2 m<sup>3</sup>/h  
 Jet : 3 m<sup>3</sup>/h  
 Pool : 29 m<sup>3</sup>/h  
 Screw : 3 m<sup>3</sup>/h  
 Max. head  
 Peripheral : 36 m  
 Jet : 34 m  
 Pool : 21 m  
 Screw : 95 m  
 Inverter for AC pumps : 0.37 to 45 kW  
 Max. liquid temperature : 33° C



**8" to 14"  
SUBMERSIBLE PUMPS  
GC - SERIES**


**APPLICATIONS**

Irrigation, Civil Water Supply, Industries and rural water supply, Fire fighting, Pressure Boosting, Ponds, River belt, Mining and Sprinklers.

**FEATURES**

- Best operating efficiency
- Highly durable
- Can be easily dismantled and repaired
- Can handle upthrust loads

**SPECIFICATIONS**

Available Dia : 8", 10", 12" & 14"  
 Power Range : 12.5 HP to 500 HP  
 Discharge Range : 106 to 3696 US GPM  
 Head Range : 53 to 1902 ft.  
 Versions : 220 V - 380 V 60 Hz 



**8" & 10"  
SUBMERSIBLE PUMPS  
GS - SERIES**


**APPLICATIONS**

Irrigation, Civil Water supply, Fountains, Industrial and rural water supply, Fire fighting, Pressure Boosting units, Ponds, Sprinkle systems and mining.

**FEATURES**

- Best operating efficiency
- Precise parts made of SS 304 / 316
- Highly durable & hygiene
- Good resistance to sand
- Can be easily dismantled and repaired
- Can handle upthrust loads

**SPECIFICATIONS**

Power Range (kW) : 75 HP to 300 HP  
 Discharge Range : 150 to 1465 US GPM  
 Head Range : 20 to 1400 ft  
 Versions : 220 V - 380 V 60 Hz 



**6" SUBMERSIBLE PUMPS  
GS - SERIES**

**APPLICATIONS**

Irrigation, Domestic & Civil Water supply, Fountains, Industrial and Rural water supply, Fire Fighting, Pressure boosting units, Ponds, Gardens, Sprinkler systems and Mining.

**FEATURES**

- Best operating efficiency
- Precise parts made of SS 304 / 316
- Highly durable & hygiene
- Good resistance to sand
- Water cooled rewindable motor
- Can be easily dismantled and repaired
- Can handle upthrust loads
- Available with different mounting dimensions. SS 329 Couplings for longer life
- Casted SS Suction inter connector.

**SPECIFICATIONS**

Power Range (kW) : 1.5 to 85 HP  
 Nominal Dia : 6"  
 Discharge Range : 21 to 400 US GPM  
 Head Range : 10 to 2110 ft  
 Versions : 220 V - 380 V 60 Hz



**4" SUBMERSIBLE PUMPS  
GS - SERIES**


**APPLICATIONS**

Irrigation, Domestic, Civil Water supply, Fountains, Rural water supply, Fire fighting, Pressure boosting units, Ponds, Gardens, Sprinkler systems and Mining.

**FEATURES**

- Best operating efficiency
- Precise parts made of SS 304/316
- Highly durable & hygiene
- Good resistance to sand
- Water cooled rewindable / Encapsulated Resin filled / Oil filled motors
- Can be easily dismantled and repaired
- Can handle upthrust load
- Additional intermediate bearings in Higher stage pumps
- Rubber bush bearings in all stages

**SPECIFICATIONS**

Power range (kW) : 0.3 to 20 HP  
 Nominal Dia : 4"  
 Discharge Range : 2.0 to 96 US GPM  
 Head Range : 20 - 2220 ft  
 Versions : 220 V - 380 V 60 Hz 



**4" SUBMERSIBLE PUMPS  
GP - SERIES**


**APPLICATIONS**

Irrigation, Domestic, Civil Water supply, Fountains, Industrial and rural water supply, Fire fighting, Pressure boosting units, Ponds, Gardens, Sprinkler systems and Mining.

**FEATURES**

- Best operating efficiency
- Floating impeller design to handle sand particles
- S.S. 304 / Ceramic top bearing
- Highly durable
- Water filled rewindable / Encapsulated Resin filled/ Oil filled motors.
- Can be easily dismantled and repaired
- Can handle upthrust loads
- Wearing ring in diffuser for long life

**SPECIFICATIONS**

Power range (kW)	: 0.5 to 10 HP
Nominal Dia	: 4"
Discharge Range	: 3.0 to 120 US GPM
Head Range	: 15 to 1020 ft
Versions	: 220 V - 380 V 



**4" SUBMERSIBLE MOTORS  
GL - SERIES**

**APPLICATIONS**

These prime mover submersible motors are suitable to couple with deep well submersible pumps.

**FEATURES**

- High operating efficiency & lesser power Consumption
- Extremely hard wearing ball & angular contact Bearings
- Corrosive resistance SS body, Filled with non-toxic oil.

**SPECIFICATIONS**

Available Dia	: 4"
Power Range	: 1 Phase 0.5 to 3.0 HP 3 Phase 0.5 to 10 HP
Speed	: 3450 rpm
Versions	: A.C. Single Phase - 110 V / 220 V / 230 V Capacitor Start, Capacitor Run (CSCR) Permanent Split Capacitor (PSC) Incorporated with thermal overload protector A.C. Three Phase - 220 V / 230 V / 380 V / 460 V
Type of duty	: S1 (Continuous)
Degree of protection	: IP68
Maximum liquid Temperature	: 33°C



**4" to 12"  
SUBMERSIBLE MOTORS  
GW - SERIES**

**APPLICATIONS**

These prime mover submersible motors are suitable to couple with deep well submersible pumps.

**FEATURES**

- Water cooled, rewindable motor can be easily dismantled and repaired
- High operating efficiency
- Extremely hardwearing water lubricated Bearings
- Specially designed thrust bearing to withstand High axial and down thrust loads
- AISI 630 (17-4PH) Motor Shaft
- Shaft extension for Longer life

**SPECIFICATIONS**

Available Nominal Dia	: 4",6", 8",10" & 12"
Power Range (kW)	: 1 Phase 3.0 to 5.0 HP (110 V / 220 V / 230 V) 3 Phase 0.5 Hp to 600 HP (220 V, 230 V, 380 V, 460 V & 660 V)
Speed	: 3450 rpm
Type of duty	: S1 (Continuous)
Degree of protection	: IP 58
Maximum liquid Temperature	: 33°C
Optional	: High Temperature Motor (PE2 + PA Winding)



**SUBMERSIBLE MOTORS  
GR - SERIES**

**APPLICATIONS**

These prime mover submersible motors are suitable to couple with deep well submersible pumps.

**FEATURES**

- Higher power factor resulting in lesser power consumption
- High operating efficiency
- Extremely hardwearing water lubricated Bearings
- Specially designed thrust bearing to withstand High axial thrust loads
- Larger shaft diameter for better power transmission
- Corrosive resistance stainless steel body
- Stator filled with resin for better heat Dissipation

**SPECIFICATIONS**

Nominal Dia	: 4"
Power Range	: 0.5 to 1.5 HP - 2 wire - Single phase 0.5 to 5.0 HP - 3 wire - Single phase 0.5 to 10 HP - 3 wire - Three phase
Speed	: 3450 rpm
Versions	: A.C. Single phase 110 V / 220 V / 230V Capacitor start, Capacitor Run (CSCR), Permanent split Capacitor (PSC), Incorporated with Thermal Overload protector & Lightening Arrester A.C. Three phase - 220 V / 230 V / 380 V / 460 V Direct online (DOL)
Type of Duty	: S1 (Continuous)
Degree of Protection	: IP 68
Maximum liquid Temperature	: 33°C



**END SUCTION  
GPE - SERIES**


**APPLICATIONS**

Domestic, Gardens, Pressure boosting, Washing and Civil applications.

**FEATURES**

- Sturdy and compact
- Quiet and maintenance free
- Excellent hydraulic performance
- Optimal design
- Good suction capacity.
- SS insert is provided in the pump casing

**SPECIFICATIONS**

Power Range	: 0.5 HP to 1.0 HP
RPM	: 3450rpm
Versions	: A.C. Single phase - 110 V / 220 V  Permanent split capacitor (PSC) - Incorporated with Thermal Overload Protector. A.C. Three phase - 220 V / 230 V / 380 V / 460 V
Discharge range	: Up to 10.5 US GPM
Head range upto	: Up to 203 ft
Type of duty	: S1 (Continuous)
Degree of Protection	: IP 54
Class of insulation	: 'B'
Nominal Suction X	: 1" X 1"
Maximum ambient Temperature	: 40°C



**CENTRIFUGAL PUMPS  
GND - SERIES**

**APPLICATIONS**

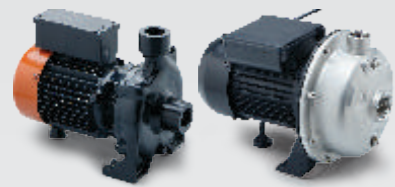
Residential, Industrial waste water, Drip & Sprinkler systems, Farms, Irrigation, General water supply & Water treatment plants

**FEATURES**

- Rigid construction
- High Operating efficiency
- Good suction lift
- Dynamically balanced rotating parts

**SPECIFICATIONS**

Power Range	: 0.5 HP to 2.5 HP
RPM	: 3450 rpm
Versions	: Single Phase - 110 V / 220 V / 230 V (Upto 1.5 HP) Single Phase - 220 V / 230 V / 380 V / 460 V (2 HP & above) Permanent split capacity (PSC), incorporated with thermal overload protector. Three Phase - 220 V / 380 V / 400 V, 60 Hz
Type of duty	: S1 (Continuous)
Degree of protection	: IP 22
Insulation Class	: "B"
Suction lift Upto	: 23 ft
Max. Liquid Temp	: 140°F
Max. Ambient Temp	: 104°F
Flow Range	: 10 to 84 US gpm
Head Range	: Upto 126 ft
Nominal Suction & Delivery Size	: 1 1/4" x 1", 1 1/2" x 1 1/4", 2" x 1 1/2" BSP / NPT



**CENTRIFUGAL PUMPS  
GCC - SERIES**

**APPLICATIONS**

Domestic Irrigation, Farms, Gardens, Industry and Civil applications.

**FEATURES**

- High operating efficiency resulting in lower Power consumption
- Good suction lift characteristics
- Dynamically balanced rotating parts including Rotor & impeller
- Balanced and rigid construction.

**SPECIFICATIONS**

Power Range	: 0.5 HP to 4.0 HP
Type of duty	: S1 (Continuous)
Degree of protection	: IP 44
Class of insulation	: F & B
Discharge Range	: 4 to 158 US GPM
Head Range	: Upto 115 ft
Suction lift upto	: 7m
Versions	:
	A/C Single Phase - 110 V / 220 V / 230 V
	A/C Three Phase - 220 V / 230 V / 380 V / 460 V
Maximum liquid Temperature	: 50°C
Maximum ambient Temperature	: 40°C



**PETROL ENGINE PUMP  
GD & GP - SERIES**

**APPLICATIONS**

Useful in river bed, Ponds and Wells, where there is no power or electricity.

**FEATURES**

- Air cooled, Four stroke,
- Single Cylinder Engine with Casted aluminium pump body & CI Impeller
- Efficient air filter system
- Compact and light weight
- Easy to start, smooth running & low vibration

**SPECIFICATIONS**

Normal Pressure Pump, Size : 2", 3" & 4"	Max. Flow : Upto 65 m <sup>3</sup> /h
	Max. Head : Upto 28 m
High pressure Pump, Size : 2" & 3"	Max. flow : Upto 40 m <sup>3</sup> /h
	Max. Head : Upto 75 m
Trash Pump, Size : 3"	Max. flow : Upto 50 m <sup>3</sup> /h
	Max. Head : Upto 25 m



**CONTROL BOXES**

**APPLICATIONS**

Controlling & Protecting all kinds of prime movers especially Submersible Pumps, Centrifugal Pumps etc., used for various applications

**FEATURES**

- Incorporated with surge arrest to protect the pumping system from high voltage surges caused by lightning and the operation of switches on the main power distribution lines.
- Technically advanced, Highly sensitive pump protection relay enables immediate tripping of power supply in overload and under load conditions.
- Control boxes comprise of auto start provision and phase sequence protection.
- Protects the pump sets against dry running by sensing the current
- Quick tripping on phase failure and unbalanced voltage conditions
- An option for float switch is provided in the control box to control water level.
- Provision of Ammeter and Voltmeter to check the current and voltage.

**SPECIFICATIONS**

Power Range	: 0.5 to 3 HP Single Phase 0.5 to 125 HP Three Phase
Method Of Connection :	
Single Phase	- Capacitor Start & Capacitor Run (CSCR) - Star Delta
Three Phase	- Direct On Line (DOL) & Star Delta
Degree of Protection	: IP 55 & IP 52



**UPVC PIPES**

**APPLICATIONS**

Can be used as column / raiser pipes, High pressure pipe line systems etc.,

**FEATURES**

- Rigid construction & durable for even up to 25years.
- Specially designed square threads have very high load holding capacity & these threads do not get corroded, rusted or deteriorate even after longer use. Special rubber seals are provided to ensure 100% leak proof at high pump pressure.
- Internal surface of these pipes are very smooth, resulting in very low head loss due to friction & water discharge is increased up to the maximum of 30%, when compared with traditional G.I. pipes
- These pipes come in 3m Standard length and are light weight ensuring easy handling during pump installation & removing process. Special square thread design of these pipes can be tightened easily using bare hands itself, evicting the use of pipe wrench.
- uPVC column pipes are resistant to chemical reactions when used in acidic or alkaline waters assuring long life inside the bore well.

**SPECIFICATIONS**

Nominal Dia In Inches	: 1, 1 1/4, 1 1/2, 2, 2 1/2, 3, 4, 5
Type of Pipes	: Elite, Medium, Standard, Heavy, Super Heavy
Adapters	: CI, Carbon Steel
Ultimate Breaking Load In KG :	
Elite - 2350, Medium - 7500,	
Standard - 10300, Heavy - 16000	
Super Heavy - 19800	
Max. Installation Depth in Meter :	
Elite - 150, Medium - 210, Standard - 300,	
Heavy - 350, Super heavy - 350	



**SUBMERSIBLE CABLES**

**APPLICATIONS**

To Supply power to submersible motors, Pumping equipments & Industrial machineries

**FEATURES**

- High conductivity annealed and bunched flexible electrolytic bright copper conductors
- High grade flexible PVC insulation and PVC / Rubber Sheath
- Good withstanding capacity to high voltage and current
- Substantial reduction in power consumption
- Prolongs the life of electrical installations
- Can withstand any sudden surge current and voltage
- Protects from electrical shocks and any electrical hazards
- Both flat and round cables are available

**SPECIFICATIONS**

Available Size	: 1.5, 2.5, 4, 6, 10, 16, 25, 35, 50, 70 & 95 Sqmm 3 Core & 4 Core
Voltage Rating	: 600 V
Temperature Range	: -22°F to +158°F
Conductor annealed	: High Conductivity and Bunched Copper
Insulated Material	: Flexible water proof PVC EPDM / EPR
Sheath Material	: Flexible water proof PVC/ Rubber EPDM / NBR / PCP
Sheath Colour	: Black / Blue / Green
Core Colour- 3 Core	: Red, Yellow and Blue
4 Core	: Red, Yellow, Blue and Green