



GB-5E-10/15-AP1

# 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 looking 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 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 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.



**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) : 0.37 to 7.5 kW  
 Nominal Dia : 4"  
 Discharge Range : 0.5 - 24 m<sup>3</sup>/h  
 Head Range : 4.0 - 270m  
 Versions :

**A.C.Single phase** 230V - 50Hz Capacitor Start, Capacitor Run (CSCR) – Permanent Split Capacitor (PSC) -Incorporated with Thermal Overload protector & lightning arrester.

**A.C.Three Phase** 380 - 415 V -50Hz Direct online (DOL)

Type of duty : S1 (Continuous)  
 Degree of protection : IP 58  
 Maximum liquid  
 Temperature : 33° C



**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) : 0.37 to 11kW  
 Nominal Dia : 4"  
 Discharge Range : 0.4 -19 m<sup>3</sup>/h  
 Head Range : 5 - 530m  
 Versions :

**A.C Single phase** 230 V – 50Hz Capacitor Start, Capacitor Run (CSCR), Permanent Split Capacitor (PSC) - Incorporated with Thermal Over Load protector

**A.C Three phase** – 380 – 415 V – 50Hz Direct on line (DOL)

Type of duty : S1 (Continuous)  
 Degree of protection: 1P 58  
 Maximum liquid  
 Temperature : 33°C



**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) : 2.2 to 63kW  
 Discharge Range : 6 to 80 m<sup>3</sup>/h  
 Head Range : 4.5 to 620 m  
 Versions :

**A.C Three phase** – 380 – 415 V – 50Hz Direct on line (DOL) - Upto 37 kW, Star Delta (SD) - 5.5 kW - 63 kW

Type of duty : S1 (Continuous)  
 Degree of protection: 1P 58  
 Maximum liquid  
 Temperature : 33°C



**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) : 5.5 to 220 kW  
 Discharge Range : 20 to 280 m<sup>3</sup>/h  
 Head Range : 2.0 m to 488 m  
 Versions :

A.C. Three phase 380 - 415 V – 50Hz Direct on line (DOL) – upto 55 kW Star delta (SD) Upto 220 kW

Type of duty : S1 (Continuous)  
 Degree of protection : IP 58  
 Maximum liquid  
 Temperature : 33°C



**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  
 0.37 - 2.2kW - 230V,  
 3 Phase  
 0.37 - 7.5kW - 380V, 415V ,

Speed : 2900rpm  
 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  
 0.37 to 2.2 kW (230V)  
 3 Phase  
 0.37 to 300 kW  
 (380 V, 415 V)

Speed : 2900 rpm  
 Type of duty : S1 (Continuous)  
 Degree of protection : IP 58  
 Maximum liquid  
 Temperature : 33°C



### 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 with stand 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 :  
 0.37kW - 1.1 kW - 2 wire - Single phase  
 0.37kW - 2.2 kW - 3 wire - Single phase  
 2.2kW - 7.5 kW - 3 wire - Three phase  
 Speed : 2900 rpm  
 Versions :  
 A.C. Single phase 230V  
 Capacitor start, Capacitor Run (CSCR),  
 Permanent split Capacitor (PSC),  
 Incorporated with Thermal Overload protector  
 & Lightning Arrester  
 A.C. Three phase - 380 - 415 V  
 Direct online (DOL)  
 Type of Duty : S1 (Continuous)  
 Degree of Protection: IP 68  
 Maximum liquid  
 Temperature : 33°C



### WONDER PACK

#### APPLICATIONS

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

#### FEATURES

- Factory coupled pump & motor with 50mtrs Spliced drop cable
- Ready to install
- Built in Thermal Protector
- Corrosion resistance
- Stainless steel pump & motor body
- Pump with built in check valve

#### SPECIFICATIONS

Available Nominal Dia : 4"  
 Power Range : 0.37 to 1 : 1 kW  
 Max. Head : 98m  
 Max. Liquid  
 Temperature : 33°C  
 Flow Range : 2.0 - 5.5 m<sup>3</sup>/h  
 Packed in single carton. East to transport.  
 NEMA Standard Mountings.



### 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



### 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 : 0.37kW & 0.75kW  
 Speed : 2900rpm  
 Versions :  
 A.C. Single phase - 230 V - 50 Hz  
 Permanent split capacitor (PSC) - Incorporated with Thermal Overload Protector.  
 A.C. Three phase - 380 - 415V - 50Hz  
 Discharge range : 3.13 m<sup>3</sup>/h  
 Head range upto : 74 m  
 Type of duty : S1 (Continuous)  
 Degree of Protection : IP 54  
 Class of insulation : 'B'  
 Nominal Suction X  
 Delivery Size : 1" X 1"  
 Maximum ambient  
 Temperature : 40°C



### 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 : 0.22 to 2.2 kW 1Ph & 3Ph  
 Speed : 2900 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 : 0.6 to 14 m<sup>3</sup>/h  
 Head Range Upto : 57mtr  
 Suction lift Upto : 7m  
 Max. Liquid Temp : 90°C  
 Max. Ambient Temp : 40°C



### 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 : 0.37kW - 110kW  
 Discharge Range : Upto 200 m<sup>3</sup>/h  
 Head Range : 5 to 330 m  
 Speed : 2900 rpm  
 Versions : 1 Ph - 230 V  
 3 Ph - 380V to 415V  
 Type of duty : S1 (Continuous)  
 Degree of protection : IP 55 (Optional IP44, IP54)  
 Class of insulation : F / B (Optional)



**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	: 0.37 to 2.2 kW - 1 Ph 2.2 to 15 kW - 3 Ph
Type of duty	: S1 (Continuous)
Degree of protection	: IP 44
Class of insulation	: F & B
Discharge Range	: 1 - 120 m <sup>3</sup> /h
Head Range	: 5 - 77 m
Suction lift upto	: 7m
Maximum liquid Temperature	: 50°C
Maximum ambient Temperature	: 40°C



**MINI  
WASTE WATER PUMPS  
GMS & GMP - SERIES**

**APPLICATIONS**

Cleaning water tanks, gardening, De-watering and residential sewage and drainage pumping.

**FEATURES**

- Compact and quite operations
- Optimal Design. Easy to carry
- Available in different constructions
- Float switches to avoid dry run

**SPECIFICATIONS**

Power Range	: 350 - 650 W
RPM	: 2900
Version	: 230V, 1Ph
Max. Flow	: 13 m <sup>3</sup> /h
Max. Head	: 11 m
Max. Liquid Temp	: 40°C
Class of Insulation	: E
Max. Immersible depth	: 5 m
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	: 0.37 - 2.2 kW
Speed	: 2900
Version	: 230 V - 1Ph. 380 V - 415 V - 3Ph.
Max Flow	: 42 m <sup>3</sup> /h
Max. Head	: 23 m
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



**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	: 1.5 to 7.5 kW
Speed	: 2900
Version	: 380V - 415V, 3Ph
Max. Flow	: 160 m <sup>3</sup> /h
Max. Head	: 53 m
Impeller	: Closed Double Channel
Mechanical Seal	: Hard Alloy - Silicon / Carbon - Silicon
Outlet	: 2", 2½", 3", 4", 6"
Max. Liquid Temp	: 40°C
Class of Insulation	: B / F
Degree of Protection	: IP 68



**MEDIUM DRAINAGE PUMPS  
GDM - SERIES**

**APPLICATIONS**

Pumping Industry, Municipal, stock farms, hotels, commercial buildings waste waters, tunnels and mines waste waters.

**FEATURES**

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

**SPECIFICATIONS**

Power Range	: 1.5 to 22 kW
Speed	: 2900 RPM
Version	: 380 V - 415 V 3Ph
Max. Flow	: 280 m <sup>3</sup> /h
Max. Head	: 48.5 m
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



**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	: 2900 RPM - 5.5 to 18.5 kW 1450 RPM - 7.5 to 37 kW
Version	: 380 V - 415 V - 3Ph.
Solid Passage	: Up to 100 mm
Max. Flow	: 780 m <sup>3</sup> /h
Max. Head	: 62.5 m
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



**DIESEL ENGINE PUMP  
GD - SERIES**

**APPLICATIONS**

Useful in river bed, ponds and wells where there is no power or electricity.

**FEATURES**

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

**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



**PETROL ENGINE PUMP  
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 : 1½", 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 : 0.37 to 2.2 Single Phase  
0.37 - 93kW Three Phase

Method Of Connection :

Single Phase - Capacitor Start & Capacitor Run (CSCR) -

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, 1½, 2, 2½, 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  
FLAT 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 : 1100 V / 600 V

Temperature Range : -10°C to +70°C

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