

PRODUCT OVERVIEW 2015

Electric Motors, Air Movement and Pumps

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CEG
ELECTRIC MOTORS AND PUMPS

www.ceg.co

PRODUCT OVERVIEW 2015

CEG is an Australasian leader of electric motors and water pumps for the industrial and domestic market.

HISTORY

From humble beginnings as a single operator in New Zealand, CEG has grown to include operations located throughout Australasia. For the past 40 years CEG has continued to grow, now having operations located in Brisbane, Australia, and Auckland, Palmerston North Christchurch and Ivercargill, in New Zealand. These have evolved with the changing needs of the market, leading to expansion and diversification of products and expertise to meet and exceed our customers' expectations.

QUALITY

We are independently owned and operated, allowing us to pick only the best from each manufacturer, resulting in one of the leading ranges. This flexibility allows us to supply OEM equipment direct from the manufacturer. With the group importing from various countries around the world a single brand name was needed and the trading name "CEG" was born. The CEG group imports from such countries as Italy, Germany, UK, Poland, Taiwan, France, China and India. Minimum energy performance standards (MEPS) for three-phase electric motors were introduced in 2002 and a revision MEPS2 was released in 2006. MEPS2 for motors are prescribed in the joint Australia/New Zealand Standard AS/NZS 1359.5. CEG has been persistent at liaising with their manufacturers and undertaking product testing to ensure these MEPS standards are not only complied with but exceeded, delivering our customers with highly efficient quality motors.

PRODUCTS AND SERVICES

The expansion and diversification of the group now sees CEG offering an extensive range of products including: AC Electric Motors, DC Electric Motors, AC Flame Proof Motors, Water Pump and Associated Equipment, Submersible Pumps, Electronic Motor Speed Inverters, Transmissions, Ventilation and Industrial Fans. In addition the group also operates a full motor/pump service workshop in Palmerston North and Brisbane, allowing the group to provide special one-off modifications and in-house testing of products. So whether you are requiring a motor, pump, or combined motor/pump, motor/gearbox or vsd, CEG can supply a complete package from its in-house products, saving you both time and money by creating an efficient and effective solution.

THE FUTURE

The group has seen much growth and changes over the past 40 years and can only begin to imagine where the market may lead in us the future. As a group that enjoys challenges we are looking forward to seeing the direction of the company over the next 40 years and more. We believe the key to remaining relevant and ensuring the longevity of the company is listening to customers, assessing their needs and ensuring that we are evolving with them.





CEG GLOBAL GREEN THREE PHASE SERIES

(GGS)

The Global Green Series is our premium efficiency three phase aluminium range. The Global Green Series receives ISO 9001 quality standards, observed from their first class design to the finished product. All Global Green products are MEPS compliant to AS/NZS 1359.5-2004.

- 2850RPM, 1425RPM, 960RPM, 720RPM
- Multi speed available
- IP55 (IP56, IP66 available on request)
- Multi voltage design
- Available from 0.09kW up to 37kW
- Frame size 56F - 200F
- Available in B3, B5, B14A/B mounting
- 50/60 Hz



CEG GLOBAL GREEN VENTILATION SERIES

(GGV)

The Global Green Ventilation Series is premium efficiency aluminium air movement range. Pad mounted for ease of installation and servicing in air-ducted environments.

- 2850RPM, 1425RPM, 960RPM, 720RPM
- Pad mounted
- IP55 (IP56, IP66 available on request)
- Available from 0.09kW up to 30kW
- Frame size 56F - 200F
- TENV available on request



CEG NEMA MOTORS

(GGU)

The Global Green Nema Series is our aluminium premium efficiency US imperial Nema frame motors, manufactured to ISO 9001 quality standards.

- 1425RPM currently (other speeds available)
- 0.37 - 7.5 kW
- IP55 (IP56, IP66 available on request)
- Totally enclosed, fan cooled
- Class F insulation
- Frame sizes 56 - 215TL (larger on request)



CEG GLOBAL GREEN REDUCED FRAME SERIES

(GGS/R)

The Global Green reduced frame fit where others don't. The Global Green Series receives ISO 9001 quality standards, observed from their first class design to the finish product.

- IP55 (IP56, IP66 available on request)
- Class F Insulation S1 and S2 rated
- B5, B14A and B14B flanges available
- Totally Enclosed Fan Cooled (TEFC)
- Multi mount



CEG GLOBAL GREEN BRAKE SERIES

(GGD/GGA)

The Global Green Brake Series is our premium efficiency three phase aluminium AC and DC brake motor. The brake feature on this series makes them especially suitable for situations where safety is paramount, all brake motors include a hand release for maintenance.

- 2850RPM, 1425RPM, 960RPM, 720RPM
- DC brake unit / AC brake unit
- IP55 (IP56, IP66 available on request)
- Available from 0.12kW up to 30kW
- Frame size 56F - 200F
- Available in B3, B5, B14A/B mounting



CEG STAINLESS STEEL MOTORS

(SST)

The Stainless Steel wash down series are available in single and three phase. Designed for food processing, pharmaceutical and other environments requiring extreme cleanliness and frequent washdowns.

- 2850RPM, 1425RPM, 960RPM
- Frame size 63F - 132F
- IP69K rating
- Available 0.18kW up to 7.5W
- Available with encapsulated windings
- Available in B3, B5, B14A/B, SEW mounting



CEG SW GEARBOX REPLACEMENT MOTORS

(GSW)

The Global Green SW Series are our gearbox replacement compatible range with special shaft size and flanges. All Global Green SW products are MEPS compliant to AS/NZS 1359.5-2004.

- IP66
- Class F Insulation S1 rated
- All motors are flanged mount
- Totally Enclosed Fan Cooled (TEFC)
- Spike proof inverter duty winding wire
- Available with brake unit fitted on request





LOW CENTRE MOTOR SERIES

(GLC)

The LC Series are our Low Centre spindle motors available in both single and three phase. Specifically designed for applications requiring high power outputs with low centre shaft heights. The all aluminium construction makes this series light weight.

- IP55
- Class F Insulation
- Complete with blade disc
- Totally Enclosed Fan Cooled (TEFC)
- Left and right hand thread nut available
- Available with brake unit fitted on request



CEG PSC SERIES

(GGP)

The PSC Series is a single phase Permanent Split Capacitor (PSC). This series is constructed from aluminium, incorporating the latest multi mount design. Ideally suited for low starting torque applications. e.g. centrifugal fans and pumps.

- 2850RPM, 1425RPM, 960RPM
- Class F insulation
- IP55 rating
- Available 0.09kW up to 4.0kW (56F - 100F)
- Complete with overload protection (below 3.0kW)
- Available in B3, B5, B14A mounting



CEG CSCR SERIES

(GGC)

The CSCR Series or Capacitor Start Capacitor Run (CSCR) is constructed from aluminium, incorporating the latest multi mount design. Equipped with an additional starting capacitor for high starting torque design application.

- 2850RPM, 1425RPM, 960RPM
- Class F insulation
- IP55 rating
- Available 0.25kW up to 4.0kW (63F - 100F)
- Complete with manual reset overload (below 3.0kW)
- Available in B3, B5, B14A mounting



CEG SERIES

(BBS)

The BSS Series are available in single and three phase. Features include, Totally Enclosed (TE), DrIPProof (DP), resilient mount and extended shaft. The rolled steel construction makes this series particularly durable.

- 2850RPM, 1425RPM, 960RPM
- Rolled steel shell, aluminium end shields
- IP44 TE, IP23 rating
- Available 0.18kW up to 2.2kW
- Complete with overload on single phase
- Available in B3, B5, in BS 56 or NEMA 56



CEG COMPRESSOR SERIES

(BBS)

The BSS Compressor Series are available in single phase. Features include, Totally Enclosed (TE), and fan cooled. The rolled steel construction makes this series particularly durable. Complete with oversized bearing.

- 2850RPM, 1425RPM, 960RPM
- Rolled steel shell, aluminium end shields
- IP44, IP54 rating
- Available in 2.2kW
- Complete with overload on single phase
- Available in B3, B5, in BS 56 or NEMA 56



CEG BRICKSAW SERIES

(BBS)

The BSS Bricksaw Series are available in single phase. Features include, Totally Enclosed (TE). The rolled steel construction makes this series particularly durable.

- 2850RPM
- Rolled steel shell, aluminium end shields
- IP44 TE rating
- Available in 2.2kW
- Complete with overload on single phase
- Available in B3, B5, in BS 56 or NEMA 56



CEG GRAIN FEEDER SERIES

(BBS)

The BSS Grain Feeder Series are available in single and three phase. Features include, Totally Enclosed (TE). The rolled steel construction makes this series particularly durable.

- 1425RPM
- Rolled steel shell, aluminium end shields
- IP55 TEFC
- Available 0.37kW up to 1.1kW
- Complete with overload on single phase
- Special flange and shaft for feeders





CEG INDUSTRIAL PERFORMANCE SERIES

(XNP)

The XNP Series is our industrial performance range. The cast iron construction makes this series particularly durable in all environments. XNP Series are MEPS compliant to AS/NZS 1359.5-2004. (High Efficiency)

- 2850RPM, 1425RPM, 960RPM, 720RPM, 580RPM
- Class F insulation (Class H available on request)
- IP66 rating
- MEPS3
- Available from 0.18kW to 1450kW
- Frame sizes 63F - 500F
- Available in B3, B3/5, B14A/B V1 mounting



CEG MINING MOTOR PREMIUM SERIES

The Mining Motor Series is our premium mining motor range. The heavy duty cast iron construction, makes this series ideal for harsh environments. A wide variety of options e.g RTD, heaters are available.

- 2850RPM, 1425RPM, 960RPM, 720RPM, 580RPM
- Class H insulation
- IP66 rating
- 380 - 415V, 690V, 1000Volts
- Available from 0.55kW up to 1000kW
- Frame size 63F - 500F
- Available in B3, B3/5, B5, B14A/B, V1 mounting
- X15 Orange 2 pack Epoxy Paint



CEG XTREME MINING MOTOR SERIES

The Xtreme Mining Motor Series is our xtreme mining motor. The heavy duty cast iron construction, makes this series particularly durable in harsh environments. A wide variety of options e.g RTD, heaters are available.

- 2850RPM, 1425RPM, 960RPM, 720RPM, 580RPM
- Class H insulation
- IP69K rating
- 380-415V, 690V and 1000Volts
- Available from 0.55kW up to 1000kW
- Frame size 80F - 450F
- Available in B3, B3/5, B5, B14, V1 mounting
- X15 Orange 2 pack Epoxy Paint



CEG OPEN DRIPPROOF SERIES

(ODP)

The ODP Series is our premium industrial Open Drip-proof performance range. With an open IP23 enclosure designed to optimise high power to weight ratio.

- 2850RPM, 1425RPM, 960RPM, 720RPM
- Class F insulation
- IP23 rating
- Available from 11kW up to 710kW
- Frame size 160F - 355F
- Available in B3, B5 mounting



CEG INDUSTRIAL BRAKE SERIES

(XNB)

The INP Brake Series are our Industrial Premium efficiency cast iron motor brake range. All XNB brake motors are MEPS compliant to AS/NZS 1359.5-2004.

- IP66 rating
- Class F Insulation S1 rated
- The brake motor system is a fail safe design
- Totally Enclosed Fan Cooled (TEFC)
- B5, and B14A flanges available (where applicable)
- DC Brake units with rectifier fitted



CEG EXD SERIES

(DCT)

EXD range of Exd flameproof motors are certified for use in hazardous locations. These motors are designed to contain any sparks within the motor without igniting external vapours. They incorporate features such as a robust cast iron construction and special terminal box to meet the stringent certification requirements.

- IP66
- Thermistors standard in three phase versions
- IEC Ex certificate
- Exd IIC T4/IIB T4
- B5 and B14A flanges available
- Frame size 63F - 500F



ITALVIBRAS MVSI SERIES

(MVSI)

The MVSI Series is available in both single, three phase and also DC. This range represents the current state-of-art research and design, allowing them to suit the most varied industrial applications.

- 2850RPM, 1425RPM, 960RPM, 720RPM
- Available from 85W to 24kW
- IP66 rating, Class F insulation
- Wide range of forces 4kg - 22,000kg
- Available in stainless steel 316L
- Available in hazardous location, IEC Ex Certificate





CEG DC SERIES

(DMP)

The DC Series are heavy duty industrial motors. Designed for manufacturing processes requiring high reliability and low brush wear.

- IP23/IP54
- 2.2kW to 1500kW
- All motors VIP
- Premium efficiency cooling
- Patent low brush wear design
- Suitable for 6 pulse thyristor power supply



CEG HVC SERIES

(HVC)

- 185kW to 2000kW
- Up to 560 Frame
- 3.3, 6.6 and 11kV
- IP55-IP56, Class F & H



CEG HVA SERIES

(HVA)

- 185kW to 40,000kW
- 355 to 1250 Frame
- 2-20 Pole
- 3.3, 6.6 and 11kV
- Up to IP56
- Air and Water Cooled



CEG 6000E SERIES

(VSD)

The CEG 6000E Series are a range consisting of single and three phase input models which supply three phase Variable Speed Drive (VSD) outputs, from 0.1Hz to 400Hz. These are also fully programmable soft starters with 150% starting torque at 1Hz.

- Available from 0.4kW up to 2.2kW single phase
- Available from 0.75kW up to 1000kW three phase
- Available with 1000v input
- Slip compensation
- DC injection braking torque function
- Full protection features
- Din mount available
- HV-VSD 3.3, 6.6, 11kv input



CEG SOFT STARTERS

(CSS)

The CEG range of Soft Starters are designed with efficiency in mind. They incorporate some of the most advanced digital processors which can adjust voltage and limit the current.

- Available from 7.5kW up to 450kW (wall mount)
- Available from 1.1kW up to 22kW (din rail mount)
- 380-420 Voltage supply
- 220-250 Voltage control input
- In-built by pass contractor $\geq 37k$
- Ramptimes up/down 1-90sec
- Accept a pulse start
- Interface Modbus/Profibus
- 6 special pump curve applications
- LCD display (wall mount)



5052 SERIES, FRIDGEMASTER SERIES

With proven reliability and performance the CEG 52 Series motors have been designed for flexibility of application particularly in the areas of refrigeration and small fan applications.

- *Efficient PSC design*
- *Bidirectional*
- *Standard shaft and hub drive*
- *Totally enclosed*
- *Universal mounting arrangement*
- *Auto reset overload*
- *Capacitor supplied*
- *Hex and Phillips head mounting screws supplied*



5085 SINGLE SHAFT ODP SERIES

The CEG 85 Series single shaft range of motors are designed for a variety of air movement applications, including ducted heating and evaporative cooling systems.

- *Low noise bearings*
- *Long bearing life*
- *Interchangeable with other brands*
- *Permanent split capacitor design*
- *Resilient mount (cradle not supplied)*
- *Dynamically balanced rotors*
- *Auto reset thermal overload*
- *3 speed tapped winding*



5085 DOUBLE SHAFT ODP SERIES

The CEG 85 Series double shaft range of motor features include low temperature rise, enhanced efficiency and resilient mounting.

- *Low noise bearings*
- *Interchangeable with other brands*
- *Permanent split capacitor design*
- *Resilient mount with cradle*
- *Dynamically balanced rotors*
- *Auto reset thermal overload*
- *3 speed tapped winding*
- *4 and 6 pole*



5085 SINGLE SHAFT TEAOM SERIES

The Totally Enclosed CEG 85 Series motor range is designed for an assortment of outdoor applications, including condensing units and ventilation systems.

- *Low noise bearings*
- *Interchangeable with other brands*
- *4 and 6 pole*
- *Permanent split capacitor design*
- *Totally enclosed*
- *Dynamically balanced rotors*
- *Auto reset thermal overload on 1 and 3 phase motors*



5090 DOUBLE SHAFT HEAVY DUTY SERIES

The Double Shaft 90 Series is designed for high volume air applications. Flexibility in the design process enables motors to be manufactured to customer specified designs.

- *Low noise bearings*
- *Dynamically balanced rotors*
- *Resilient mount with cradle*
- *Permanent split capacitor design*
- *Interchangeable with other brands*
- *Multispeed*
- *4 pole*



5020 AXIAL FAN SERIES

With proven reliability and performance this CEG series motors have been designed for small air applications. Importantly, the CEG 5020 series are an efficient PSC designed motor, for lower current draws, also new reverse rotor design ensure maximum compactness.

- *Continuous S1 duty rated*
- *Proven air flow performance*
- *Flexible mounting construction*
- *Blow and suction versions*
- *High temperature, long life ball bearings*
- *Corrosion protected motor and frame construction*
- *Easy access terminal box*





CEG ECOJET SERIES

The Ecojet Series are self priming jet pumps fitted with the latest press control which gives run dry protection for piece of mind.

- Capacities up to 90 litres a minute
- Heads up to 50 metres (70psi)
- IP55 protection
- Available in 0.37, 0.75 and 1.1kW
- Run dry protection technology
- Maximum 9 taps at 10 litres per minute



CEG ECO-MXA SERIES

The Eco-MXA Series are stainless steel multi-stage impeller pumps, designed for larger houses or when noise is an issue. Fitted with the latest press control which gives run dry protection for piece of mind.

- Capacities up to 90 litres a minute
- Heads up to 60 metres (85psi)
- IP55 protection
- Available in 0.75 and 1.1kW
- Run dry protection technology
- Maximum 13 taps at 10 litres per minute



CF SERIES

The CF Series are self-priming positive displacement gear pumps. These are available in both single and three phase. This range offers the ability to pump liquids such as varnish, oils, molasses, glue and grease.

- Capacities up to 1.2m³/hr
- Heads up to 140 metres
- IP44 protection
- Available from 0.37kW up to 0.75kW
- Single phase versions complete with overload
- Maximum liquid temperature range -15°C to 60°C



AP SERIES

The AP Series are manufactured from cast iron. These are self priming single stage open impeller centrifugal pumps, available in single and three phase. This range is designed with the capability to pass dirty water whether sandy, muddy or containing solids, making it particularly suitable for industrial waste or pumping from streams for agricultural applications.

- Capacities up to 66m³/hr
- Heads up to 18 metres
- IP55 protection
- Available from 0.75kW up to 5.5kW
- Single phase versions complete with overload
- Maximum liquid temperature range -15°C - 80°C



CMP SERIES

The CMP Series are single stage centrifugal pumps, available in both single and three phase. This range offers high flow and pressure efficiency, through minimum losses achieved by its closed impeller design.

- Capacities up to 8m³/hr
- Heads up to 59 metres
- IP44 protection
- Available from 0.37kW up to 2.2kW
- Single phase versions complete with overload
- Maximum working pressure 9bar



BP SERIES

The BP Series are a single stage centrifugal pump, available in both single and three phase. This range offers high flow efficiency, through minimum losses achieved by its closed impeller design. This range is ideal for plate coolers, recirculation plants and cooling towers.

- Capacities up to 210m³/hr
- Heads up to 63 metres
- IP44 protection
- Available from 0.75kW up to 22kW
- Single phase versions complete with overload
- Maximum working pressure 6bar



IR SERIES

The IR Series are a single stage centrifugal pump in both 2850RPM and 1450RPM. These are available in both single and three phase. This range offers high flow and pressure efficiency, which makes it ideal for dairy shed washdown and irrigation.

- Capacities up to 450m³/hr
- Heads up to 97 metres
- IP44 protection
- Available from 1.5kW up to 37kW
- Single phase versions complete with overload
- Available in bronze and cast stainless steel 316





MXV SERIES

The MXV Series are vertical multi stage pumps, available in both single and three phase. They are constructed so that all parts coming into contact with the pumped liquid are AISI 304 stainless steel. This range offers the ability to pump liquids to exceptionally high heads making them ideal for hilly country.

- Capacities up to 60m³/hr
- Heads up to 275 metres
- IP55 protection
- Available from 0.75kW up to 22kW
- Single phase versions complete with overload
- Complete with stainless steel flanges



CDX SERIES

The CDX Series, manufactured from AISI 304 stainless steel, are single stage centrifugal pumps, available in both single and three phase. This range offers the ability to pump various aggressive liquids for applications such as dairy vat wash and heat exchange units.

- Capacities up to 15m³/hr
- Heads up to 41 metres
- IP55 protection
- Available from 0.37kW up to 1.85kW
- Single phase versions complete with overload
- Available with viton seals for temperature < 110°C



2CDX SERIES

The 2CDX Series, manufactured from AISI 304 stainless steel, are twin stage centrifugal pumps, available in both single and three phase. This range offers the ability to pump various aggressive liquids for high pressure applications such as heat exchange units and recirculation plants.

- Capacities up to 12.6m³/hr
- Heads up to 75 metres
- IP55 protection
- Available from 0.75kW up to 3.7kW
- Single phase versions complete with overload
- Available with viton seals for temperature < 110°C



DWOSERIES

The DWO Series are manufactured from AISI 304 stainless steel. These are single stage open impeller centrifugal pumps, available in single and three phase. This range is designed with the capability to pass solids up to 19mm, making it particularly suitable for mechanical washing systems and industrial discharge.

- Capacities up to 66m³/hr
- Heads up to 18 metres
- IP55 protection
- Available from 1.1kW up to 3.0kW
- Single phase versions complete with overload
- Maximum liquid temperature 80°C



DWC SERIES

The DWC Series are manufactured from AISI 304 stainless steel. These are single stage closed impeller centrifugal pumps, available in single and three phase. This range is designed with high flows, making it particularly suitable for chillers, air-conditioning and heating systems.

- Capacities up to 45m³/hr
- Heads up to 25 metres
- IP55 protection
- Available from 1.1kW up to 3.0kW
- Single phase versions complete with overload
- Maximum liquid temperature 80°C



3LS SERIES

The 3LS Series, manufactured from AISI 304 or 316 stainless steel, are single stage centrifugal pumps. This range offers high flow and pressure efficiently, along with a close coupled design which allows it to be fitted to any IEC standard electric motor. This range is ideal for dairy, industrial and agricultural water supplies.

- Capacities up to 250m³/hr
- Heads up to 90 metres
- EN 733 (ex DIN 24255) compliant
- Available from 0.37kW up to 55kW
- Maximum liquid temperature range -20°C to 120°C
- Available in a 2850RPM and 1450RPM range



JR SERIES

The JR Series, manufactured from cast iron, are single stage centrifugal pumps. This range offers high flow and pressure efficiently, along with a close coupled design which allows it to be fitted to any ISO standard electric motor. This range is ideal for civil, industrial and agricultural water supplies.

- Capacities up to 380m³/hr
- Heads up to 105 metres
- EN 733 (ex DIN 24255) compliant
- Available from 1.5kW up to 220kW
- Maximum liquid temperature range -5°C to 80°C
- Available in a 2850RPM and 1450RPM range





GP SERIES

The GP Series are bare shaft helical gear pumps, efficiently suitable for low and high viscosities liquids such as mineral oils, food oils, soap, and resin solvents.

- Available from 20mm to 100mm ports
- Available in brass or cast iron
- Size 32mm and above have built in adjustable relief valve
- Capacities up to 3m³/hr



SPLASH SERIES

The Splash Series are single stage centrifugal pumps, available in single phase and three phase. This range is fitted with a hair and lint pot which make them particularly suitable for swimming pool filtration systems.

- Capacities up to 275m³/hr
- Heads up to 28 metres
- IP55 protection
- Available from 0.37kW up to 18.5kW
- Single phase versions complete with overload
- Complete with hair and lint pot



SUMP SERIES

The SUMP Series are single stage vortex submersible pumps, available in single phase only and complete with float assembly. This range is constructed with a robust cast iron impeller and pump casting, making this suitable for applications such as cow shed pits and dirty liquid transfer with particles of up to 55mm.

- Capacities up to 43m³/hr
- Heads up to 12 metres
- IP68 protection
- Available from 0.25kW up to 1.5kW
- Complete with automatic reset overload
- Maximum liquid temperature 50°C



OPTIMASERIES

The OPTIMA Submersible Series are manufactured from AISI 304 stainless steel. These are available in single phase only and come complete with float assembly. This range has an open impeller design allowing it to pump liquids with particles of up to 10mm, making these ideal for calf milk transfer and semi dirty sumps.

- Capacities up to 9m³/hr
- Heads up to 7 metres
- IP68 protection
- Available with a vertical sliding float
- Complete with automatic reset overload
- Maximum liquid temperature 40°C



BEST SERIES

The BEST Series are manufactured from AISI 304 stainless steel. These are single stage, vane impeller submersible pumps, available in single and three phase. This range is suitable to pump grey water with solids up to a maximum of 10mm, making them ideal for emptying large storage tanks and wine vat agitation.

- Capacities up to 24m³/hr
- Heads up to 18 metres
- IP68 protection
- Available from 0.25kW up to 1.5kW
- Complete with automatic reset overload
- Maximum liquid temperature 35°C



RIGHT SERIES

The RIGHT Series are manufactured from AISI 304 stainless steel, and have a single stage vortex impeller fitted. These are available in single and three phase, with optional float assembly. This range is suitable for transferring of raw sewage and dirty liquids with particles of up to 35mm.

- Capacities up to 18m³/hr
- Heads up to 7.5 metres
- IP68 protection
- Available from 0.55kW up to 0.75kW
- Complete with automatic reset overload
- Maximum liquid temperature 50°C



DW VOX SERIES

The DW VOX Submersible Pump Series are manufactured from AISI 304 stainless steel and have a single stage vortex impeller fitted. These are available in both single and three phase with optional float assembly. This range is suitable for transferring sewage and dirty liquids with partials of up to 50mm.

- Capacities up to 48m³/hr
- Heads up to 17 metres
- IP68 protection
- Available from 0.55kW up to 2.2kW
- Single phase versions complete with overload
- Maximum liquid temperature 50°C





DW SERIES

The DW Series are manufactured from AISI 304 stainless steel. These are single stage, channel impeller submersible pumps, available in single and three phase. This range is suitable to pump clean liquids. The range is ideal for large land drainage or industrial discharge applications.

- Capacities up to 54m³/hr
- Heads up to 22 metres
- IP68 protection
- Available from 0.55kW up to 2.2kW
- Complete with automatic reset overload
- Maximum liquid temperature 50°C



GR BLUE PRO SERIES

The GR Submersible Series have an open multi channel design with a grinder on the intake. These are available in single and three phase with optional float assembly. This range is suitable for the pumping of raw sewage with long fibers, making these ideal for human sewage transfer and industrial waste.

- Capacities up to 105m³/hr
- Heads up to 48 metres
- IP68 protection
- Available from 0.75kW up to 7.2kW
- Single phase versions complete with overload
- Maximum liquid temperature 40°C



DR SERIES

The DR Series are single stage submersible pumps, available in three phase only. The series comes with a full range of impeller types, including open multi channel, vortex, mono channel, closed mono channel, and bi-channel. Used for industrial chemically aggressive discharge and land drainage / flood pumps.

- Capacities up to 1224m³/hr
- Heads up to 53 metres
- IP68 protection
- Available from 2.2kW up to 37kW
- Available in an ex version
- Available with guide rails



FS SERIES

The FS Series are single stage submersible pumps, available in single phase only. This range is designed to run on snore for applications that need continuous running. These have the capability to pump dirty liquids with plenty of suspended solids, making them particularly suitable for civil engineering sites.

- Capacities up to 360m³/hr
- Heads up to 60 metres
- IP68 protection
- Available from 0.25kW up to 22kW
- Complete with automatic reset overload
- Maximum liquid temperature 40°C



MS SERIES

The MS Series are submersible bore hole motors available in 3", 4", 6", 8", 10", 12", 14". These are available in single and three phase, and come complete with power lead. These are constructed with a stainless steel body with either brass, cast iron or AISI 316 stainless steel supports.

- Available from 0.37kW up to 300kW
- International standard NEMA flange support
- IP68 protection
- Available with PE insulation for high temperatures
- Single phase versions complete with control box
- Optional supports on 4", 6", 8", 10", 12", 14"



NF SERIES

The NF Series are submersible bore hole pumps available in 3", 4", 6", 8", 10", 12", 14". These are constructed with a stainless steel body and come with thermoplastic impellers (on the 3", 4", 6" models) and cast iron impellers (on the 8", 10", 12", 14" models).

- Capacities up to 600m³/hr
- Heads up to 955 metres
- Optional 316 stainless steel, bronze or cast iron impellers and supports on 4", 6", 8", 10", 12", 14"
- Maximum solids substance 40g/m³ non-aggressive
- International standard NEMA flange support



PRESS CONTROL

The PressControl is a electronic controller for surface or submersible pumps. This controls the pump according with the opening closing of taps, this also offer run dry protection.

- Adjustable pressure cut in 1.2 - 2.2bar
- Capacities up to 125LPM
- Max working temperature 0°C - 40°C
- Max controlling 1.1kW
- Max working pressure 10bar (145PSI)
- Can work in a bypass configuration





AUSTRALIAN SALES NETWORK

Brisbane Branch

2, 711 Boundary Road, Coopers Plains, 4108, Queensland

Phone +61 (0) 7 3277 0377 Fax +61 (0) 7 3277 0477

Sydney Distributor

Blackburn Electric Wires Pty Ltd

55 Garema Circuit, Kingsgrove, 2208 NSW

Phone + 61(0) 2 9750 3133 Fax +61 (0) 2 9759 0245

New Castle Distributor

R & D Technology

102 Munibung Road, Cardiff 2285 NSW

PHONE + 61(0) 2 4014 9000 FAX +61 (0) 2 4014 9099

NEW ZEALAND SALES NETWORK

Palmerston North Branch

76 - 86 Cuba Street, Palmerston North

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