

ROTATOR PRODUCTS LTD.



A Proudly
Canadian
Company

“ PROVIDING SOLUTIONS FOR OVER 55 YEARS ”

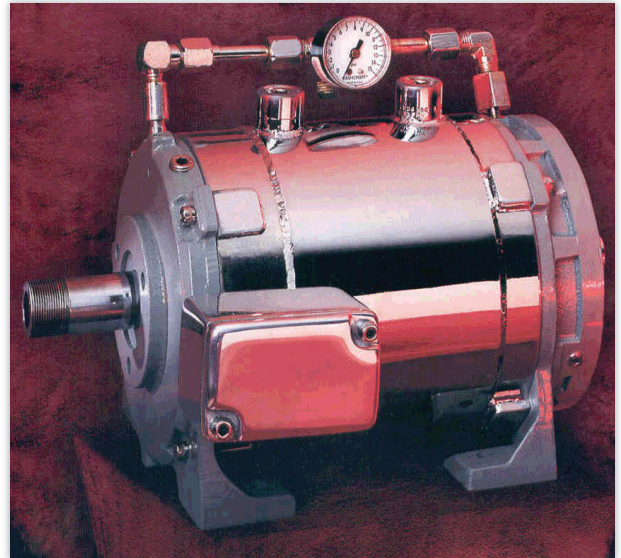
*We provide engineered solutions, exclusive products
and testing for premium quality mechanical
and electro-mechanical drive systems and components.*



ISO 9001:2015
FM 63879



Crane Solutions



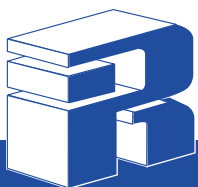
High Speed Test Stand Motor



Custom Couplings



Modernize & Automate



www.rotatorproducts.com

101 Innovation Drive, Unit 8, Woodbridge, ON. L4H 0S3
Call: 905-856-2653 Email: sales@rotatorproducts.com

AC & DC Motors and Gear Reducers

Master Canadian Distributor



AC Drives: Open Loop, Closed Loop, Vector & 4 Quadrant, Common Bus, V/Hz and Current Source, VT and CT, Braking, Crane & Hoist, Options and Accessories, Factory Packaged and Custom Solutions.

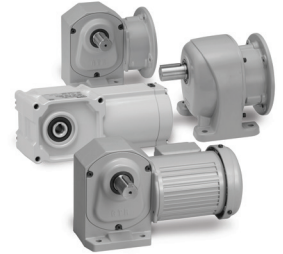
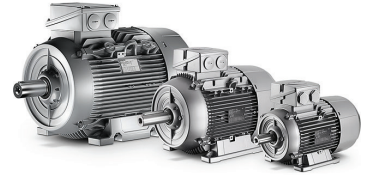
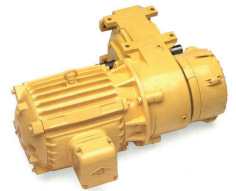
AC Controls & Automation: AC Asynchronous, AC Permanent Magnet, Line & Load Reactors, Noise & EMC Protection, Motion Control Products, PLC's, HMI's and Networking Applications.

DC Drives: DC Armature w/Field Drives, DC Permanent Magnet, Analog+Digital, Chassis, 2&4 Quadrant, Braking, Options and Accessories.

MCC's and Panels: Low and Medium Voltage MCC's, Custom Packaged Solutions.

Motor Control: Contactors, Mini Contactors, Relays, Manual Motor Starters, Vacuum Breakers, Solid State Relays, LV Circuit Breakers and Panel Solutions.

Eaton Vacuum Breaker XT-DC Contactors: from 300-600 Amps with Higher Lifecycle Design.



Motor, Encoder and AC & DC Controls



IN CONTROL



AC & DC Electric Motor: NEMA, IEC, General Purpose, Severe Mill Duty, Inverter & Vector Duty, IEEE 841, Interior Permanent Magnet AC (IPM), Brushless DC, Explosion Proof, Square Frame, Low & Medium Voltage, etc.

Motor Design: Rolled Steel, Open Drip Proof, Cast Iron, Aluminum, Stainless Steel, Totally Enclosed, Weather Proof, Crane & Hoist, Elevator, Crusher, Pump, Ventilation, Special Torque, Wound Rotor, Servo Motors, Custom Design, Fractional to 10,000, etc.

Gear Motors: AC & DC, IPM Permanent Magnet AC, 1/50th – 100 HP Inputs, 1 & 3 Phase, 5:1 – 1800:1 Ratios, Right Angle – Hypoid Helical, In-Line – Helical, etc.

Gear Reducers: Right Angle, In-Line, Helical-Bevel, Worm, Parallel, Solid Shaft and Hollow Bore Outputs, Footed and Flanged, Cast Iron, Stainless Steel, Aluminum, etc.

Encoders / Resolvers / Tachometers



Encoders: Incremental, Absolute, Magnetic, Universal, Electronic Position Switches, Overspeed Switches, Thru Bore, Linear, Cube, Programmable, Custom – many enclosure types and options such as Stackable, Safety rated (Sil 2/3).

Tachometers: APY & FAPY Tachs, Standard and Specialty Designs & Voltages, Customizable with many options.



Waste Water Plant

**2021 - Rotator Products
supplies what is probably
the longest vertical Custom
Engineered Carbon Fibre
Shaft System for a Sewage
Treatment Plant in North
America, a total of 12 Shaft
Assemblies for 12 Sewage
Pumps.**



**Custom
Carbon Fiber Pump Shaft
15.8 Meters**



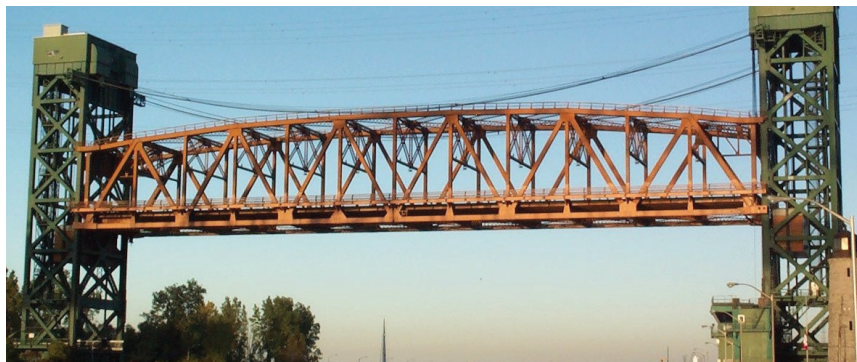
**Custom
Stainless
Steel Guarding**



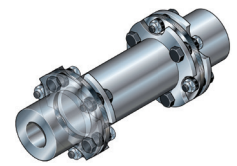
**Custom
Intermediate Shaft
Bearing Support**



**Custom shaft locking
device allows for axial
adjustment of Hubs as well
as easy installation and
servicing.**

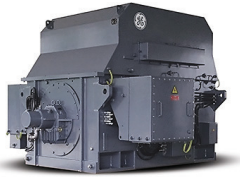


Lift Bridge Braking System



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Couplings/Locking Devices and PT Products

Couplings:

Disc, Gear, Barrel, Servo Insert, Metal Bellows, Flange Sleeve, Elastomer Jaw, Self Lubricating, Rigid, Hydraulic, Flexible, High Shock Loads, Standard Sizes & Styles, Custom Designs.

Shrink Discs & Locking Devices:

Steel, Nickel Plated, Stainless Steel, Self Releasing, Smart Lock, Locking Elements and Custom Designs.

Back Stops and Line Shafts:

Backstop Couplings and Bearings, Steel Line Shafts, Carbon Fiber Spacers, Carbon Fiber Line Shafts, Numerous Configurations and Custom Designs.

Wire Rope:

Wire Rope Sheaves, Wire Rope Testing Equipment, Wire Rope Accessories.



Industrial Brakes/Controls and Accessories

Industrial Brake Types:

Disc Brakes, Drum Brakes, Band Style Brakes, Manual Brakes, C-Face Brakes, Active Brakes, Holding Brakes, Emergency Brakes, Motor Mounted Brakes, Rail Clamp Brakes, Wind Turbine Brakes, Hazardous Location, Washdown, Brake Controls, Brake Monitoring Systems and Spare Parts.

Brake selection:

AC Brakes, DC Brakes, Hydraulic Brakes & Systems, Thrusters, Seawater Proof, DC Replacement Contacts & Contactors, Complete Braking Systems, Motor mounted Disc Brakes, Brake Wheels, Brake Discs and Spare Parts.



Radio Controls / Wireless Communication, Electrification, Cable Reels & Conductors



Wireless Radio Controls:

Radio Remote Controls, Handheld Pendants, Enhanced Belly Boxes, Industrial Lifting and Automation, Industrial Vehicles, Outdoor Ratings, Hazardous Location, ATEX Environments, Agriculture & Forestry, Maritime, Construction, Mining, Extended Range.

Electrification & Data:

Distribution of Energy, Handling of Data, Cable Reels, Conductor Bar, Conductor Rails, Cable Festoon Systems, Slip Ring Assemblies, Complete Systems, Spare Parts.



Shock Absorbers / Bumpers & Actuators



Vibration and Energy Absorption:

Shock Absorbers, Buffers, Bumpers, Vibration Isolators, Hydraulic T Mounts, Metallic & Non-Metallic.

Actuators:

Mechanical & Electro-Mechanical Actuators, AC & DC Linear Actuators and Electric Cylinders.

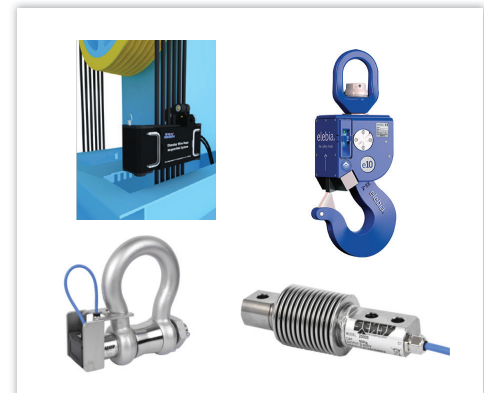


Load Sensing / Wire Rope Monitor



Load Sensing and Wire Monitoring:

Smart Lifting Hooks, Load Cells, Load Pins, Tension and Load Limiters, Weighing Load Cells, Standard Reference Transducers, Force transducers, Torque Transducers, Tension Meters, Wire Rope Monitoring Systems.



Maintenance Tools



Maintenance Equipment:

Induction Heaters, Cone Heaters, Nut Heaters, Portable and Stationary Heaters, Manual Pullers, Hydraulic Pullers, Key Removal, Individual Parts and Complete Systems, Belt Alignment, Laser Alignment.





HIGH QUALITY CRANE CABINS, **DESIGNED AND MANUFACTURED FOR YOU.**

Brieda Cabin Solutions are **tailor-made** for the crane operator, literally **designed** around them, according to their **ergonomic wellbeing** to guarantee greater safety and therefore **increase their cognitive efficiency**. The advanced design and construction criteria that distinguish Brieda's Crane Cabins also translate into **extreme robustness** and **great ease of maintenance**.

Operator Seats and Control Cabins:

Container Handling, Bulk Handling, Steel and Aluminum Plants, Offshore and Shipyards, Oil & Gas Fields, Dredging, Maritime, Mining.

Climate Control and Crane Accessories:

Ventilation Systems, Vision Systems, Operator Joystick Control Upgrades, Special Doors, Operator Comfort Systems, Fail Safe Crane Locks and Safety Systems.



 **FRIGOR TEC**
Cooling to the point



1. LIFTING ACTUATOR BL1 (for RIGHTHAND and LEFTHAND side box).
2. LEVER FOR SEAT FORWARD / BACKWARD ADJUSTMENT.
3. PADDING FOR DYNAMIC SEAT AND HEADREST.
4. KNOB FOR LUMBAR ADJUSTMENT.

Crane Cabins / Operator Chairs / Crane Control Systems



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