



Brakes and Accessories for EOT Cranes, Hoists, Gantry Cranes, Cage Goods Lifts, Winches, Tower Cranes, Construction Machinery, Conveyors, Elevators, Steel Rolling Mills, Power Press, Machine Tools, Sugar Mill Machinery, Rubber Mixing Mills, Paper Mills, Packaging Machines, Battery Operated Electric Vehicles, Centrifuges, Wire Drawing Machines, Textile Machines, Welding Plants, Coil Winding Machinery, Mining Haulage, Tyre Making Machinery, Cement and Other Heavy Engineering Equipments, etc.

ORIGINAL MAKE INDUSTRIAL BRAKES ARE SUPPLIED FOR ONE-TO-ONE REPLACEMENT IN CRANES, HOISTS AND OTHER EQUIPMENTS.



Electro Hydraulic Thrustor Brakes

MILL DUTY TYPE MDT

- Brake to suit drum dia: 100 to 600mm. Torque up to 580 Kg-m.
- Brake drum is supplied as an accessory to the brake.
- Pneumatic / hydraulic cylinder or manual release offered on request.
- Brake with ELDRO Thrustor up to 700mm dia: Torque up to 940 Kg-m

Applications: Steel Plants, Material Handling Equipments, Cement and other Heavy Engineering Equipments, etc.,



Electro Hydraulic Thrusters 400/440V, 50Hz, 3phase.

TYPE ST & ELDRO

- Type in ST series: ST-520, ST-535, ST-545, etc.,
- Capacity (Kgs): 18, 34, 45, etc., Stroke length: 51, 76 & 127 mm
- Fluid: Transformer Oil: BS 148 / As per IS: 335-1965 (Revised)
- ELDRO Thrusters upto 301 Kg Thrust Capacity.

Applications: Thrustor Brakes, Material Handling Equipments, Machine Tools, Conveyors, Power Presses, Operating Sliding Doors, Hopper Gates, etc.,

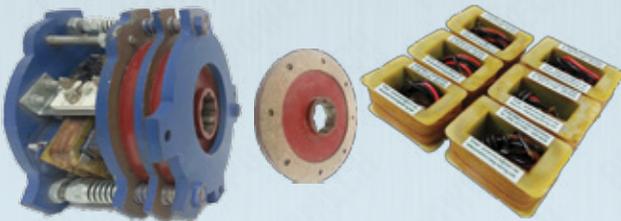


Spring Loaded Fail-Safe Electro-magnetic AC Disc Brake

DAT & DMT SERIES

- Models: DAT-130, 140, 150, 150X, 190, 190X, 235, 235X, 290X & 290XX. Square Hub without finished bore is included in supply.
- No. of Coils: 1, 3, 6 & 9. Torque up to: 14 kg-m.
- Models: DMT-15, 20, 30, 45, 32X. No. of Coils: 3, 6 & 9.
- Torque up to: 11 kg-m. Square Hub with finished bore is supplied.

Applications: Cranes, Hoists, Winches, Goods Cage Lifts, etc.,



Spring Loaded Fail-Safe Electro-magnetic AC Disc Brake

FOR INDEF / HERCULES HOIST

- Model: DAT-50X, DAT-75X & DAT-100X. Torque: 4, 6.7, & 10 Kg-m
- Spline Bush is supplied as an accessory to the Brake.
- Other Model; DAT-150X for CT/LT drive INDEF Hoist and DAT-150XH for 3HP/3000 rpm motor.

Applications: INDEF Cranes, Hoists, Winches, Goods Cage Lifts, etc.,



Electro-Magnetic Disc type Spring Loaded DC Brake

TYPE SLDC

- Normally "ON" Brake and releasing only when power is supplied.
- Standard DC Voltage: 24. On request: 42, 110 & 190 VDC.
- Torque range: 0.2 kg-m 25 kg-m
- Geared hub or Square Hub, as per model, is included in supply.

Applications: Hoists, Cranes, Conveyors, Eccentric and Power Press etc., where brake should remain applied when there is no power.



Fail-Safe DC Brake for SWIFT / CHPL Hoist

- Standard Voltage: 110 VDC. On request: 24 VDC & 42 VDC.
- Torque in Kg-m: 1.0, 2.2, 3.0, 5.6 & 8.4
- Geared Hub is included in supply of Brake
- Mounting Plate is drilled to suit SWIFT / CHPL Motor Frame

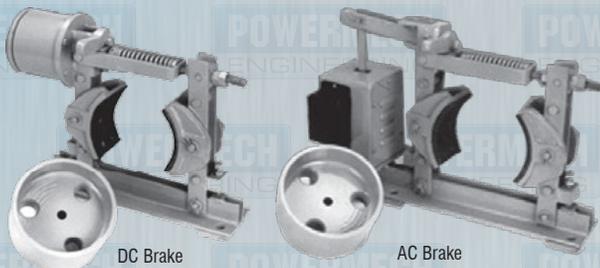
Applications: SWIFT / CHPL Hoists & Cranes.



Model : DMT Brake

Fail Safe Electromagnetic DMT Brake

- Model: DMT-15, DMT-20, DMT-30, DMT-45, DMT-32X.
- Torque range: 0.70 kg-m, 2.70 kg-m, 4.10 kg-m, 6.00 kg-m, 11.00 kg-m.
- Standard Voltages: 415 A.C, Phase: 3, Hub : Square.
- Spare Brake Coils, Brake Liner Plate, Square Hub, Brake Springs, E Stack Plate, I Stack Plate And Other Components Are Also Supplied.



DC Brake

AC Brake

AC / DC Electro-Magnetic Shoe Type Drum Brake

415 VAC, 2 PH OR 415 VAC, 3 PH AND 24 VDC / 190 VDC

- AC / DC Brake to suit drum dia. : 100 to 400 mm.
- (Max) Torque: 75 Kg-m
- Brake drum is supplied as an accessory to the brake.
- Spare brake coil or with plunger is supplied on request.

Applications: Paper Mills, Textile Machines, Sugar Mill Machinery, Rubber Mixing Mills, Centrifuges, Lifting Crane, Hoist, Winch or Mining Haulage



Brake Coil

Brake Coil with Plunger

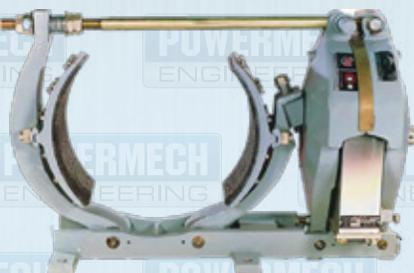
Brake Assembly

AC Solenoid Operated Electro-Magnetic Brake 'S' type

WITH CONTINUOUS OR INTERMITTENT DUTY BRAKE COIL

- Brake to suit drum dia: 4" (100mm) , 5.5" (140mm), & 7" (180mm)
- Coil voltage: 110, 220 & 415V AC, 50 Hz
- Spare brake coil or with plunger is supplied on request.
- Brake wheel / drum is supplied as an accessory to the brake.

Applications: Hoists, Small Cranes, Conveyors, Machine Tools, Printing Presses, Over Head Door, Vacuum Moulding Machines etc.,



DC Electro-magnetic Shoe Brakes

TYPE SHUNT BRAKE / SERIES BRAKE

- Epoxy filled Class F coil with sheet metal enclosure
- Brake to suit drum dia: 8" to 30". Torque: 100 Nm to 5420 Nm
- Brake wheel / drum is supplied as an accessory to the brake.
- On request: Manual release, Limit switch & Special epoxy paints.

Applications: Hoists, Cranes, Heavy Industrial & Mill Duty Applications, Elevator and Similar Machines



DC Spring applied Fail-Safe Electro-magnetic Brakes

EMCO SIMPLATROLL TYPE 14.458

- Normally "ON" brake and releasing only when Power is supplied.
- Torque up to 5000 Nm. Standard Voltages: 24, 96, 190 VDC.
- Bore: Pilot or as ordered. Dead-Man type manual hand release.
- Non-Asbestos friction linings on twin surfaces.

Applications: Brake Motors, Cranes, Hoists, Servo Motors, Textile Machinery, Tyre Making Machinery, Battery Operated Electric Vehicles, etc.,



Model : 14.125

EMCO SIMPLATROLL CLUTCH BRAKE COMBINATION TYPE 14.125

- Model: Size-06, 08,10,12,16,20,25.
- Torque range: 7.5Nm to 2500Nm.
- Standard Voltages: 24VDC, 96VDC, 190VDC.
- Flange mounted Configurations available designs are – Design 1.1, 2.1, 3.1, 4.1,5.1,6.1,7.1.

Applications: Clutch brake combination application Machine tools, Special purpose machines, Packaging machines, Conveyors, Welding machines.



Model : 14.800

EMCO SIMPLATROLL CLUTCH BRAKE COMBINATION TYPE 14.800

- Model: Size-06, 08,10,12,16.
- Torque range: 7.5Nm to 120Nm.
- Standard Voltages: 24VDC (Other Voltages on request).
- Flange mounted Configurations available designs are – Design.10.4[9],11.4[9],12.4[9],13.4[9]

Applications: Clutch brake combination application Machine tools, Special purpose machines, Packaging machines, Conveyors, Welding machines.



Temporiti srl Electromagnetic Spring applied Fail Safe Brake Model AC

- ‘Temporiti’ (Model : AC1 upto AC8), 3-Phase, AC Fail Safe Brakes.
- Torque: 4.5 to 400 Nm
- AC brake Type-T and DC Fail Safe Brake Type-K are also supplied.

Applications: Brake motors, cranes, hoists, material handling equipments, CNC Machines, packing, textiles, and in other machines & varied applications. Temporiti AC fail safe brakes can be used for both LT/CT drives as well as for hoisting applications. These brakes are also being used for INDEF Chain hoists.



Model : Type T

Temporiti Ac Brake Type T

- Model: T60, T70, T80, T90, T100, T110, T120, T140, T160, T120D, T140D, T160D, T110D and T75.
- Torque range: 2.5Nm to 150Nm.
- T-Series and AC-Series are 3-Phase AC Fail safe brakes

Applications: Brake Motors, Crane Hoists, Material-Handling Equipments, CNS Machines, Packaging, Textile And Other Machines And Other Varied Applications.



Model : Type K

K TYPE Temporiti Electromagnetic Dc Fail Safe Brake

- Model: K1, K2, K3, K4, K5, K6, K7, K7/D, K8, K8/D, K9, K9/D, K9/T and K10.
- Torque range: 5 Nm to 1000 Nm.
- Standard Voltages: 24VDC, 96VDC, 190VDC.
- Brake Type: TEMPORITI DC operated electromagnetic spring applied fail-safe brakes Type K.

Applications: Brake Motors, Crane Hoists, Material-Handling Equipments, Cns Machines, Packaging machines, textile and other machines and other varied applications.



Brake Coils, Brake Liner Plate with Lining

FOR SPRING LOADED FAIL-SAFE ELECTRO-MAGNETIC DISC BRAKE (AC & DC)

- Brake Coils are supplied as per Brake Models / Dimensions.
- Epoxy Moulded Brake Coils which have double the life span of ordinary Coils and suitable for Continuous rating are supplied.
- Brake Plate with lining (Square/Geared/Round bore) as per Brake model / dimension / Sample (including import substitute) is supplied.

Applications: Cranes, Hoists, Machine Tools, Brake Motors etc.,

MOUNTING DIMENSIONS FOR EACH MODEL AS BELOW



44.3 mm

48 mm

29.4 mm

43.2 mm

Solid State Electronics Rectifiers for DC Brakes & Clutches

- Compact & easy to mount in terminal box or in control panel
- Input: 415VAC: Output: 190VDC, Amps: 1, 2 & 0.6
- Input: 230VAC: Output: 190VDC, 96VDC, Amps: 1, 2 & 3
- Input: 110VAC: Output: 96VDC, 96VDC, Amps: 1, 2 & 3

Applications: DC Spring applied Electromagnetic Brakes, Clutches, Clutch Brake Combination.



Brake Shoes with Lining

FOR THRUSTOR BRAKES, DRUM BRAKES & SHOE TYPE ELECTRO-MAGNETIC BRAKES (A.C & D.C)

- To suit all sizes of Drum Diameter / Models of Brakes.
- Brake Shoes or Pins are supplied in pairs (per set of 2 nos.)
- Brake Linings, Brass Wire Woven or Non-Metallic based (Asbestos or Non-Asbestos based), are supplied in required type and sizes for dry or oil based Applications.

Applications: Cranes, Hoists, Goods Cage Lifts, Machine Tools, Brake motors etc.



Plain Brake Drum

Pin-bush Brake Drum

Geared Brake Drum

Brake Drum & Brake Drum Coupling

FOR SHOE, DRUM, ELECTRO-MAGNETIC, THRUSTOR TYPE BRAKES

- Type: Plain, Pin Bush and Geared Brake Drums
- Brake Drum Diameter ranging from : 100 mm to 600 mm
- Brake Drum is supplied in Cast Iron. On request: Cast Steel.
- Bore: Pilot. To be machined up to maximum bore range by buyer.

Applications: Electromagnetic Brakes, Drum Brakes, Thrustor Brakes, Shoe type Brakes of Cranes, Hoists, Winches, Goods Cage Lifts, etc.,

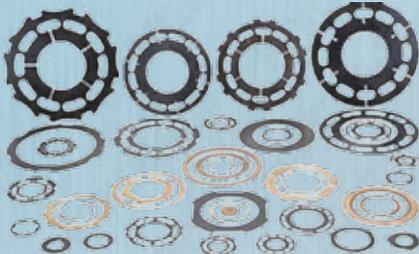


Industrial Roll Brake Linings (FERODA) for Dry

APPLICATION, BRASS WIRE WOVEN, TYPE WA-8

- Solely for use under dry conditions and not for use in oil.
- Max. temperature: 260°C. Max. continuous temperature: 125°C
- Co-eff of friction 0.30 to 0.35. Rivet holding cap: 900 kg/cm².
- Ultimate Tensile strength: 246 kg/cm²
- Compressive strength: 630 kg/cm². Asbestos based liner.

Applications: Cranes, Lifts, Excavators, Winches, Concrete Mixers, Drop Hammers, Sugar Mill Centrifuges, Concrete Mixers, etc.,



Clutch Plates - Steel, Sintered & Paper

FOR INDUSTRIAL APPLICATIONS

- All types of Sintered Discs and Pads
- Wet or Dry Applications

Applications: Clutches and Brakes Fitted in Milling Machines of HMT & BFW, Lathes of HMT, BMW, BECO, KIRLOSKAR, HERBERT, BATILIBOI, COOPER, Gear Hobbing Machines, Heavy Earth Moving Equipments, Drilling Machines and for other Indigenous and Imported Machine Tools, etc.



Friction Sheets & Discs / Brake Plate / Brake Pads Press blocks for Industrial Applications

- Friction Disc with inner / outer Teeth & Friction Components.
- Conical Friction Liners & Discs in various Shapes and Sizes.
- Friction Blocks in various Shapes, Sizes & Composition suitable for Higher Capacity Presses.

Applications: Cranes, Hoists, Brake Motors, Chain Pulley Blocks, Construction Machinery, Forging Presses (GODREJ, AMPTEEP, HMT) etc.,

Note : 1) Brake shoe-wear sensors, Limit switch provisions & Non-Asbestos liners are optional for Thrustor Brakes. Other range of Brake includes: Caliper Disc Brakes (Pneumatic / Spring Applied, Spring Applied Air Release & Electro-Magnetic type) & Electro-Hydraulic Disc Brakes.

2) Original make of Brakes, Brake Discs, Brake Coils are supplied for most of the Indigenous Cranes and Hoists for one-to-one replacement based on Brake Model / Key Specifications / Sample / Photo images.

3) Brake Torque shown is normal Torque. Actual Torque is more or less depending upon Liner, Duty cycle, Number of 'ON' and 'OFF' Operations, Lever ratio etc.,

Please feel free to contact us for more details. We further request you to register us in your vendors' list for above range of Products and send us your enquiry.

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