



EMERSON™

Motor Technologies

BRAKE MOTORS

Designed for bulk material handling equipment,
conveyor cranes and hoists

HP – 1/3 through 20 hp

Phase – Three Phase

RPM – 1200 or 1800 RPM

Voltage – 208-230/460 60 HZ 1.15 SF
190/380 50HZ 1.0 SF

Mounting Options – Horizontal or Vertical position. Available in 3 configurations:

- Footed
- C face footed
- C face footless

Enclosure – Totally Enclosed Fan Cooled (TEFC)

Bearings – Non-Regreasable oversized bearings

Construction – IP55 Pressure Die-cast aluminum frame

Impregnation – Vacuum Pressure Impregnation (VPI)

Inverter Duty – Constant Torque 2:1
Variable Torque 10:1 speed range

Agency – UL® Recognized and CSA® Certified



UNIMOUNT® BRAKEMOTORS

Fully assembled, totally enclosed fan cooled motor and brake premier the key features of Emerson's Unimount® motor and a Stearns® brake. Available in both footed and c-face footless ratings, the motor is designed for use on conveyors, machine tools, door operators, speed reducers or other applications that require stops and positive holds.

Unimount® Brakemotors are built to help extend the life of the motor. Each motor is built to include the Allguard® motor quality system, including pulse resistant/abrasion wire and 100% solids polyester varnish. The 56 to 140 frames are made of rolled steel frames. The 180 frame is extruded aluminum alloy that helps improve heat dissipation for cool operation.

Features include:

- Class F Insulation, Class B Rise at Full Load
- 40° C Ambient
- NEMA® Design B
- Double Shielded Bearings on 56 to 180 Frames
- Diagonally Split Oversized Conduit Box
- CE Mark on Nameplate of the 140 to 180 Frames
- Removable Base on 180 Frames
- Full 50 & 60 Hertz on Nameplate
- Full HP @ 50 Hertz
- Dual Voltage Ratings Suitable for Part Winding Start on Low Voltage

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