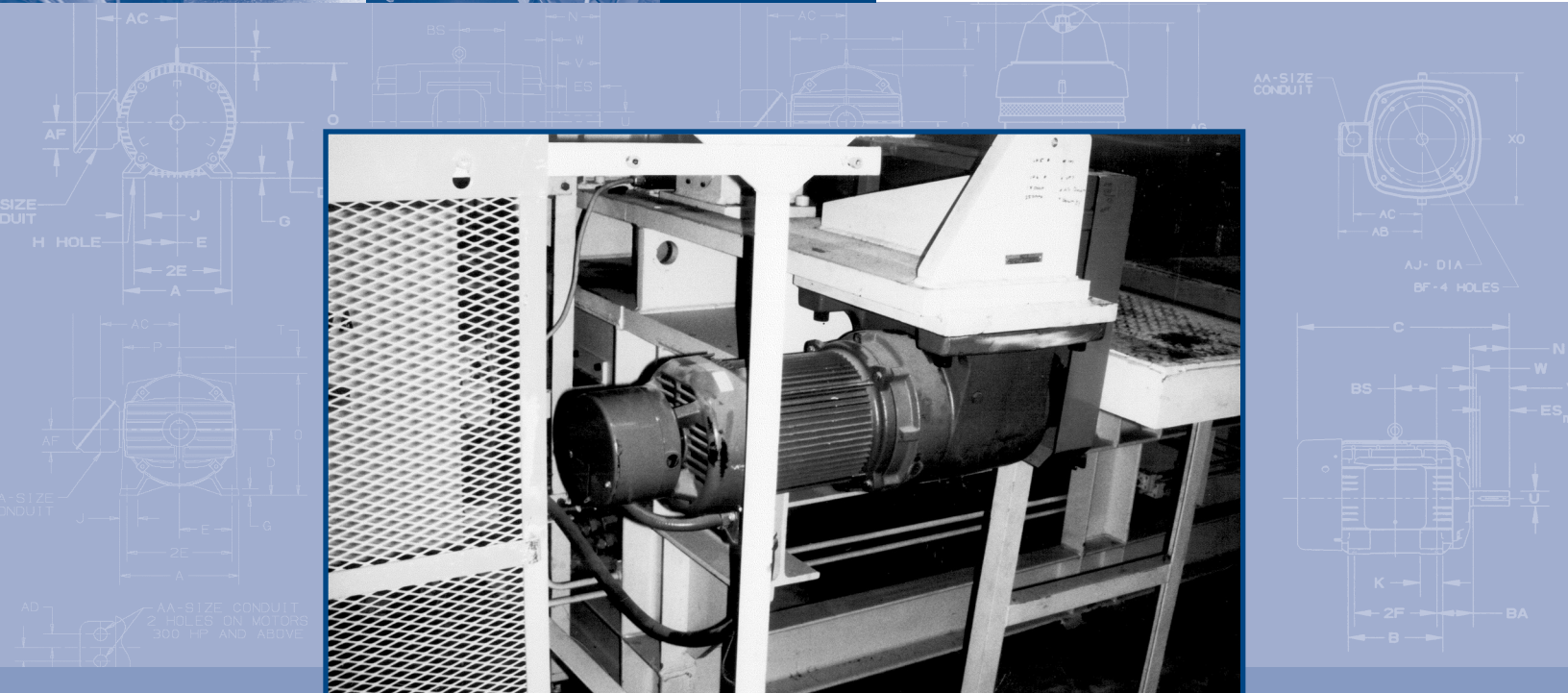




Product Data Sheet

Unimount® Brakemotors



- Fully Assembled Totally Enclosed Fan Cooled Motor & Brake
- 1.25 Service Factor
- 40° C Ambient
- NEMA Design B
- T-Frame and C-Face Footless
- 1/2 through 5 horsepower
- Removable Feet on 180 frame
- ALLGUARD® Motor Quality System



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Product Overview:

Unimount® Brakemotor

Emerson's Unimount® Brakemotor is a fully assembled, totally enclosed fan cooled motor and Stearns® brake designed for use on conveyors, machine tools, door operators, speed reducers or any application that requires stops and positive hold.

Designed for Longer Life

Unimount® Brakemotors are designed 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.

Loaded with Features

Unimount® Brakemotors are designed with one of the widest range of electrical and mechanical features today.

- 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
- 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
- CE Mark on Nameplate of the 140 to 180 Frames

Stearns® is a registered trademark of Rexnord Industries, Inc.. Neither, Stearns® nor, Rexnord Industries, Inc. are affiliated with Emerson Motor Technologies.

Footed					
HP	RPM	Voltage	Frame	Catalog No.	Brake Torque Ft/Lb
0.5	1725	208-230/460	56	BMU12S2A	3
0.75	1725	208-230/460	56	BMU34S2A	6
1	1725	208-230/460	143T	BMU1S2A	6
1.5	1725	208-230/460	145T	BMU32S2A	10
2	1725	208-230/460	145T	BMU2S2A	10
3	1725	208-230/460	182T	BMU3S2A	15
5	1725	208-230/460	184T	BMU5S2A	25

C Face Footless					
HP	RPM	Voltage	Frame	Catalog No.	Brake Torque Ft/Lb
0.5	1725	208-230/460	56C	BMU12S2ACR	3
0.75	1725	208-230/460	56C	BMU34S2AFRCR	6
1	1725	208-230/460	56C	BMU1S2AFRCR	6
1	1725	208-230/460	143TC	BMU1S2ACR	6
1.5	1725	208-230/460	56C	BMU32S2AFRCR	10
1.5	1725	208-230/460	145TC	BMU32S2ACR	10
2	1725	208-230/460	56C	BMU2S2AFRCR	10
2	1725	208-230/460	145TC	BMU2S2ACR	10
3	1725	208-230/460	182TC	BMU3S2ACR	15
5	1725	208-230/460	184TC	BMU5S2ACR	25

Emerson Motor Technologies, a global leader in the design and manufacture of electrical motors, provides a complete line of general and special purpose electric motors from 1/200 through 5,000 horsepower. Brands such as Emerson®, e-LINE®, U.S. Motors®, Hurst®, and Doerr® allow Emerson to support a wide variety of applications including commercial and industrial, appliance, hermetic, automotive, and HVAC. For more information about Emerson visit www.emersonmotors.com or www.usmotors.com or contact Emerson at (888) 637-7333. Emerson (NYSE:EMR) based in St. Louis, is a global leader in bringing technology and engineering together to provide innovative solutions to customers through its network power, process management, industrial automation, climate technologies, appliance and tools business. Sales in fiscal 2006 were \$20.1 billion. For more information, www.gotoemerson.com.

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