



IEC BRAKE MOTORS



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These motors meet North American performance standards and premium energy efficiency mandates and have a 1.15 service factor. Typically used for replacement on machine tools, textile tools, textile machinery and other equipment with metric dimensions but requiring the high torque and performance of motors designed for use in North America.



FEATURES:

- Cast iron frame construction
- 60/50 Hz interchangeability
- 200/230/400/460 Volts
- 230 Volt brake coil only
- IP 55
- B3 mounting
- B5 & B14 Flange Kits available
- IRIS® inverter rated insulation system
- 3-year warranty on premium efficiency models
- UL listed and CSA certified

BENEFITS:

- Rigid design - low vibration
- Lower operating costs
- Interchangeable mounting
- Suitable for harsh environments

APPLICATIONS:

- Chemical, Oil & Gas
- Food, Beverage, & Pharmaceutical
- HVAC
- Metal Processing
- Marine
- Pulp & Paper
- Conveyor/Material Handling
- Mining
- Yaw-Wind Turbines

AC METRIC - THREE PHASE - TEFC - B3 MOUNTING - RIGID BASE:

HP/kW	Syn RPM 60 HZ	IEC Frame	Brake Rating (ft-lbs)	Catalog Number	Stock	Model Number	App. Wgt. (lbs)	Voltage	FL. Amps @230V	%FL. Eff	Service Factor	"C" Dim. (Inches)	Notes
1-0.75	1800	80M	6	194222.00	√	C80T17FZ47	49	230/460	3.0	85.5	1.15	13.19	C, CN
1 1/2-1.1	1800	90S	12	194223.00	√	C90T17FZ31	77	230/460	4.2	86.5	1.15	15.47	C, CN
2-1.5	1800	90L	12	194224.00	√	C90T17FZ32	77	230/460	5.6	86.5	1.15	15.47	C, CN
3-2.2	1800	100L	24	194225.00	√	C100T17FZ49	106	230/460	7.8	89.5	1.15	18.13	C, CN
4-3	1800	112M	44	194226.00	√	C112T17FZ30	126	230/460	10.6	89.5	1.15	19.07	C, CN
5 1/2-4	1800	112M	44	194227.00	√	C112T17FZ30	132	230/460	14.0	89.5	1.15	19.07	C, CN

Available from stock.



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APPLICATION CONSIDERATIONS

The proper selection and application of electric motor and drive products and components, including the related area of product safety, is the responsibility of the customer. Operating and performance requirements and potential associated issues will vary appreciably depending upon the use and application of such products and components. The scope of the technical and application information included in this publication is necessarily limited. Unusual operating environments and conditions, lubrication requirements, loading supports, and other factors can materially affect the application and operating results of the products and components and the customer should carefully review its requirements. Any technical advice or review furnished by Regal Beloit America, Inc. and/or its affiliates ("Regal") with respect to the use of products and components is given in good faith and without charge, and Regal assumes no obligation or liability for the advice given, or results obtained, all such advice and review being given and accepted at customer's risk.

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