



# TEAO COOLING TOWER MOTORS

## NEMA PREMIUM SEVERE DUTY

Regal introduces an extension to its already strong line of Marathon® Cooling Tower motors. The TEAO Cooling Tower motor is the next step in our highly engineered product line.

## APPLICATIONS

Cooling Towers, fan and blowers along with other severe duty environments where long life and high efficiency are desired. Appropriate in air over applications where space is a minimum.



# TEAO COOLING TOWER MOTORS

## SPECIFICATIONS

- 3-250 HP, 1800 RPM
- 230/460V (182-405 frame), 460V (440 frame)
- Meets or exceeds NEMA Premium\* efficiencies
- Bearing Current Protection (BCP)
- Blue Chip Series® quality, 100% cast iron construction for rigidity and reduced vibration
- IP 56 Rating
- Fully gasketed conduit box, with lead separator
- Internal and external epoxy paint
- MAX GUARD® Class F insulation system
- 1.15 service factor on sinewave, 1.0 service factor on IGBT power
- Suitable for 10:1 VT, 20:1 CT on VFD
- Rated 60/50 hertz, 190/380 or 380 volt at next lower horsepower
- Sealed bearings - 182T to 215T
- Regreasable bearings with fitting - 254T to 449T
- T-drains provided for effective drainage (Installed in both endshields)
- Suitable for all angle mounting
- Drive end Inpro/Seal® quality VBX® bearing isolator with shaft slinger
- Actual test and vibration data supplied with each motor
- UL recognized and CSA certified
- Three year warranty
- F1/F2 capable



**marathon®**  
Motors

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## APPLICATION CONSIDERATIONS

The proper selection and application of power transmission 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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