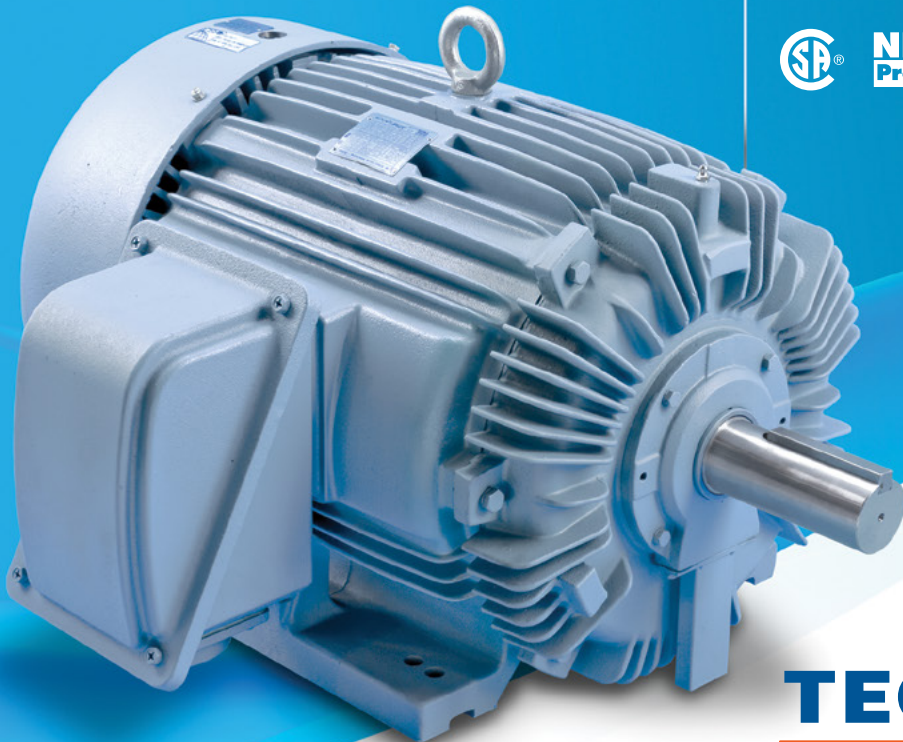




# OPTIM<sup>®</sup> TEFC

PREMIUM EFFICIENCY  
TEFC SEVERE DUTY



**TECO**  **Westinghouse**

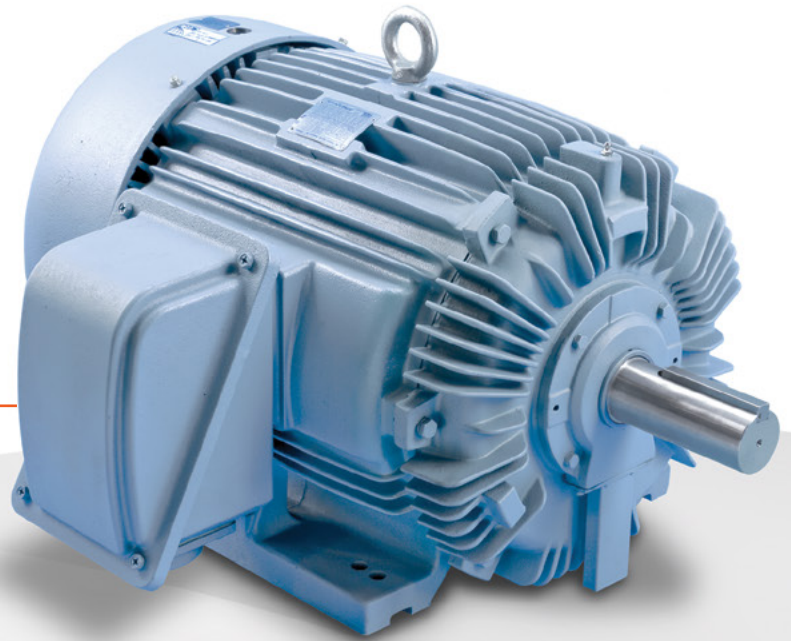
MOTORS (CANADA) INC.

# OPTIM<sup>®</sup> TEFC

## PREMIUM EFFICIENCY TEFC SEVERE DUTY

The OPTIM<sup>®</sup> TEFC is a state-of-the-art machine designed to meet the diverse requirements of the modern industrial world. Backed by a three-year warranty, this unit offers premium efficiency ratings that deliver significant life-cycle savings.

Couple your OPTIM<sup>®</sup> TEFC with our TECO VFD's for energy savings & speed control. TECO-Westinghouse offers a variety of industrial and commercial drive solutions. Please contact us for more information.



## PRODUCT FEATURES

- Available from 1-800HP; 2, 4, 6 & 8 Pole
- Totally Enclosed Fan Cooled IP54 Design, IP55 for 5000 Frames and Larger
- NEMA Premium Efficiency
- AC, Three Phase, 60 Hz, 230/460V (Usable on 208V); 460V or 575V. 50 Hz and Other Voltages Under 600V Are Available Upon Request
- Cast-Iron Frame and End Brackets
- Cast-Iron Conduit Box up to 449T Frames; Fabricated Steel Conduit Box 5000 Frames and Larger, Gasketed, F1 Mounting
- Oversized, Double Shielded Vacuum Degassed Ball Bearings Frames 140T-280T and Open Bearings with Regreaseable Provisions Frames 280TS, 320T and Larger
- Polyrex EM Grease in All Regreaseable Bearings, Multemp SRL Grease in Sealed Bearings
- \*Meets NEMA MG1 Part 31.4.4.2
- Winding RTD's, Space Heaters and Provisions for Bearing RTD's Standard 5000 Frames and Larger
- \*HPE™ High Pulse Endurance Spike Resistant Wire for Inverter Duty Applications
- Dual Drilled Feet for Longer Frames (i.e. 145T also Drilled for 143T) 449T and Below
- -40°C to 40°C Ambient
- \*\*CSA Certified for Class I, Division II, Groups B, C and D and Class I, Zone 2, Groups IIB+H2, IIB and IIA
- \*Inverter Duty Speed Range 10:1 CT and 20:1 VT up to 300HP; 3:1 CT and 20:1 VT 301-600HP
- Modifications Available Through Our Kwikmod Program (Contact Your Nearest TWMI Representative for Pricing and Delivery)
- \* Precautions should be taken to eliminate or reduce voltage spikes and shaft currents that may be imposed on the motor by the VFD as stated per NEMA MG1, Part 31.4.4.
- \*\* Applies to 1-600HP only.

**WEST**

1-800-661-4023

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