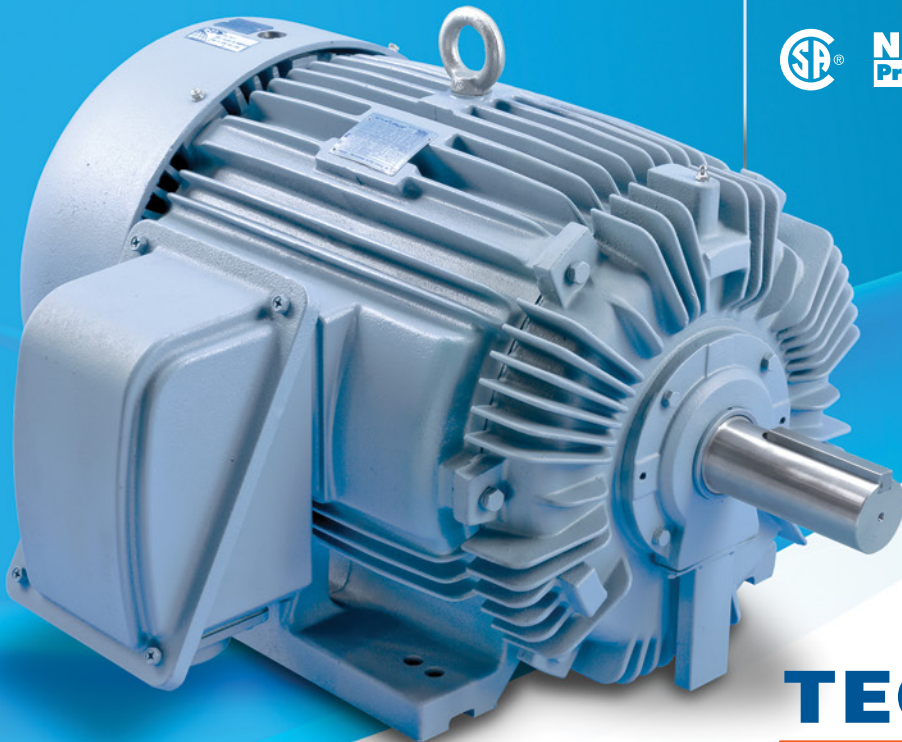




# OPTIM<sup>®</sup> TEFC

PREMIUM EFFICIENCY  
TEFC SEVERE DUTY



**TECO**  **Westinghouse**

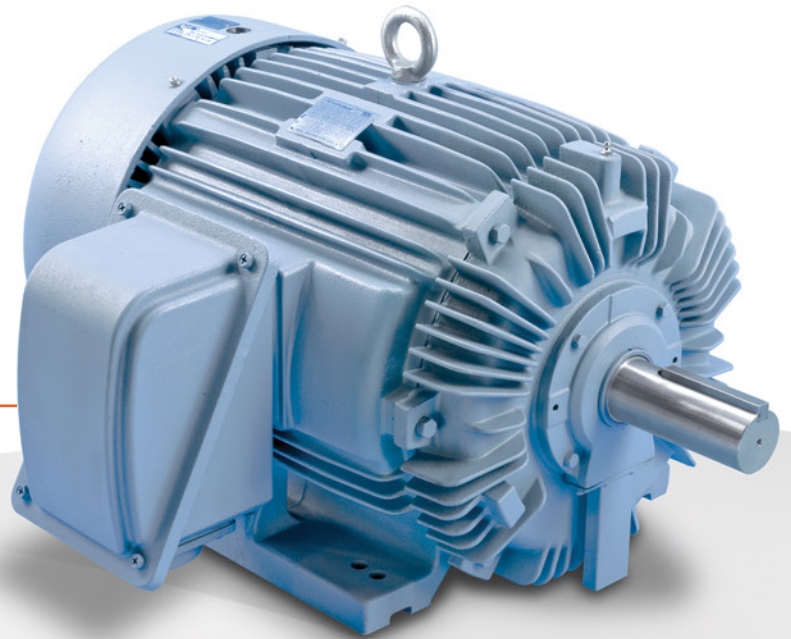
MOTORS (CANADA) INC.

# 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.



## 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
  - Shielded 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
  - Winding RTD's, Space Heaters and Provisions for Bearing RTD's Standard 5000 Frames and Larger
  - 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 2, Groups B, C & D (Class I, Zone 2, Groups IIB+H2, IIB and IIA)
  - CSA Certified Class II, Division 2 (Class II, Zone 22) available for 440 Frames and larger upon request
  - \*HPE™ High Pulse Endurance Spike Resistant Wire
  - \*Meets NEMA MG1 Part 31.4.4.2
  - \*Speed Ranges up to 10:1 CT, and 20:1 VT. Refer to data sheet for rating specific turn down ratios
  - 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.

**WEST**

1-800-661-4023

**TECO**   **Westinghouse**  
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**EAST**

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