



# Advantage **Plus** IEEE READY

PREMIUM EFFICIENCY  
TEFC SEVERE DUTY (IEEE 841)



**TECO**   **Westinghouse**

MOTORS (CANADA) INC.

# Advantage Plus<sup>+</sup> IEEE READY

## PREMIUM EFFICIENCY TEFC SEVERE DUTY (IEEE 841)



The Advantage Plus IEEE Ready motors are engineered to operate many types of machinery in diverse industrial environments. Typical uses include petroleum, chemical, pulp & paper, mines and other “severe duty” applications requiring motors designed, manufactured and tested to rigid standards for “severe duty” service.

Couple your Advantage Plus IEEE Ready with our TECO VFD’s for energy savings & speed control. TWMI offers a variety of industrial and commercial drive solutions.

## PRODUCT FEATURES

- Available from 1-100HP; 2, 4, 6 & 8 Pole (Up to 400T Frames)
  - Totally Enclosed Fan Cooled IP55 Design
  - NEMA Premium Efficiency
  - AC, Three Phase, 60 Hz, 460V or 575V. 50 Hz and Other Voltages Under 600V Are Available Upon Request Are Available Upon Request
  - Cast-Iron Frame and End Brackets
  - Cast-Iron Conduit Box
  - C3 Clearance Open Bearings with Regreaseable Provisions
  - Polyrex EM Grease
  - Paint System: Zinc Chromate Epoxy Primer, Phenolic Rust Proof Base with Lacquer Top Coat
  - Dual Drilled Feet for Longer Frames (i.e. 145T also Drilled for 143T) 449T and Below
  - -40°C to 40°C Ambient
  - Stainless Steel Nameplate and Hardware
  - Sound Pressure Level Complies with IEEE 841
  - CSA Certified for Class I, Division 2, Groups B, C & D (Class I, Zone 2, Groups IIB+H2, IIB and IIA)
  - CSA Certified for Class II, Division 2, Groups F & G (Zone 22, Groups IIIA & IIIB)
  - \*HPE™ High Pulse Endurance Spike Resistant Wire
  - \*Meets NEMA MG1 Part 31.4.4.2
  - \*HPE™ High Pulse Endurance Spike Resistant Wire
  - \*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**  
MOTORS (CANADA) INC.

**EAST**

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