



OPTIM[®] VH

NEMA PREMIUM EFFICIENCY
WPI VERTICAL HIGH THRUST
HOLLOW SHAFT



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The TECO-Westinghouse OPTIM[®] VH Vertical Hollow Shaft motors are designed and engineered to meet all your pumping needs including wastewater, irrigation, water treatment and lift stations. These feature-packed NEMA premium efficiency inverter duty motors are built with the quality and durability that has made TECO-Westinghouse a global leader in electric motors.

Couple your Optim[®] VH with our TECO VFD's for energy savings & speed control. TECO-Westinghouse offers a variety of pump solutions for industries mentioned above. Please contact us for more information.



PRODUCT FEATURES

- Available from 3-400HP; *2, 4 & 6 Pole
 - AC, Three Phase, 60 Hz, 230/460V (usable on 208V); 460V or 575V. Ratings 150HP and Above Are Single Voltage Rated 460V or 575V.
 - WPI Enclosure (IP22)
 - NEMA Premium Efficiency
 - Rugged Cast-Iron Construction
 - **Meets NEMA MG1 Part 31.4.4.2
 - CSA Certified & UL Recognized
 - Guide Bearings: Oversized, Double Shielded Vacuum Degassed Ball Bearings Frames 210TP-280TP Polyrex EM Grease in All Regreaseable Bearings, Multemp SRL Grease in Sealed Bearings and Open Bearings with Regreaseable Provisions Frames 320TP and Larger
 - Thrust Bearings: Re-Greasable Angular Contact 210TP-280TP and Oil Lubricated Angular Contact with Site Glass 320TP and Larger
 - **HPE™ High Pulse Endurance Spike Resistant Wire for Inverter Duty Applications
 - **Inverter Duty Speed Range: 450 RPM to Rated RPM, S.F.=1.0
 - Fabricated Steel Drip Cover
 - Coupling and Gib Key Included (BX Dimension Required at Time of Order)
 - Standard Non-Reverse Ratchet with Heavy Duty Stainless Steel Balls
 - Space Heater Terminated in Main Terminal Box
 - CCW Rotation When Viewed from Top
 - Modifications Available Through Our Kwikmod Program (Contact Your Nearest TWMI Representative for Pricing and Delivery)
- * 2 Pole available for 1-150HP only.
- ** 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

1-800-268-4770

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