



NEMA[®]
Premium



Vertical Hollow Shaft Motors

Premium Efficient Motors for Turbine Pump Applications

WorldWide Electric's Premium Efficient Vertical Hollow Shaft Motors (WPEVHS) are designed for use in turbine pump applications, including irrigation, energy generation, mining, municipal water, and chemical applications. Ideally suited for use with inverters or softstarts, WPEVHS Series motors are the smart solution for both standard and high thrust installations. Backed by a two year warranty, these durable motors feature outer epoxy corrosion resistant paint, epoxy coated rotor and windings, and a felt endbell seal to protect from pump seal failure.

Specifications

- Output: 10-500 HP
- Speed: 1800 RPM
- Frequency: 60 Hz
- Voltage: 230/460 Volt (10-100 HP),
460 Volt Only (50-500 HP)
- Service Factor: 1.15 SF

In-Stock and Ready to Ship

We aim to make our customers more competitive by stocking the products they need and responding to their requirements with a shared sense of urgency. With \$50 million of ready-to-ship inventory at six regional US warehouses, we're ready to assist you!

For more details, visit wwec.co/VHS

Product Features

- 10-500 HP
- 1800 RPM
- 230/460 Volt (10-100 HP)
- 460 Volt Only Motors (50-500 HP) are Suitable for Part Winding Start (PWS)
- Weather Protected (WPI) Enclosure with Rodent Screens
- IP23 protection
- 1.15 SF
- Class F Insulation
- Vertical P Base
- Premium Efficiency
- Inverter Duty, 10:1 Variable Torque
- Spike Resistant Wiring per NEMA MG-1 Part 31
- 120 Volt Space Heaters
- Double Thrust Bearing Design (100-500 HP) for Deeper Well Applications
- Winding RTDs (125-500 HP)
- Gray Epoxy Paint for Cooler Surface Temperature
- Standard Coupling Size Included
- Two Year Warranty

For more details, including full specifications and compliance, visit wwec.co/VHS

WorldWide Electric Softstarts and Drives

Pair up a WorldWide Electric PE VHS motor with a WorldWide Electric softstart or variable frequency drive for best performance and efficiency. WorldWide Electric can assist you with selecting drive equipment designed for your specific application and expectation of quality. Increase your operational efficiency while reducing the strain on all your motor transmission components with any of the many WWE control solutions.



Learn more about WorldWide Electric's chassis and enclosed variable frequency drives and softstarts at wwec.co/CONTROLS

Model Number Selection

Each model number contains the product family, horsepower rating, RPM, NEMA frame size, and included base size.

230/460 Volt (10-75 HP)

Sample Model Number: WPEVHS15-18-254TP-10

WPEVHS	15	18	254TP	10
Product Family	HP Rating	RPM/100	Frame Size	Base Size

WPEVHS15-18-254TP-10 is a 15 HP, 1800 RPM, 230/460 Volt, 254TP Premium Efficient Vertical Hollow Shaft Motor

460 Volt (50-100 HP)

Sample Model Number: WPEVHS75-18-460-365TP-16.5

WPEVHS	75	18	460	365TP	16.5
Product Family	HP Rating	RPM/100	460 Volt Only	Frame Size	Base Size

WPEVHS75-18-460-365TP-16.5 is a 75 HP, 1800 RPM, 460 Volt, 365TP Premium Efficient Vertical Hollow Shaft Motor

460 Volt (100-500 HP)

Sample Model Number: WPEVHS125-18-460-405TP-DB-16.5

WPEVHS	125	18	460	405TP	DB	16.5
Product Family	HP Rating	RPM/100	460 Volt Only	Frame Size	Double Thrust Bearing	Base Size

WPEVHS125-18-460-405TP-DB-16.5 is a 125 HP, 1800 RPM, 460 Volt, 405TP Premium Efficient Vertical Hollow Shaft Motor with a double thrust bearing

Available Models

Product Family	HP	RPM	Frame Size	Base Size
WPEVHS	10	1800	215TP	10
	15		254TP	
	20		256TP	
	25		284TP	12 / 16.5
	30		286TP	
	40		324TP	16.5
	50		326TP	
	60		364TP	
	75		365TP	
	100		404TP	
	125		405TP	
	150		444TP	16.5 / 20
	200		445TP	
	250		5006P	20
	300		5008P	20 / 24.5
	350			
	400			
450				
500				

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WorldWide Electric Corporation is a leading manufacturer of electric motors, motor controls, gear reducers, and generators as well as the exclusive master distributor of Hyundai Electric's low-voltage motors and drives. Offering fast, often same-day, shipping from six regional US warehouses, WorldWide Electric takes pride in providing a competitive edge to our customers by responding to their requirements with urgency, technical expertise, and professionalism.