



## Vertical Hollow Shaft Motors

### Premium efficient motors for turbine pump applications

WorldWide Electric's Premium Efficient Vertical Hollow Shaft (WPEVHS) motors 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 2-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 - 300 HP
- Speed: 1800 RPM
- Frequency: 60 Hz
- Voltage: 230/460V (10 - 75 HP), 460V (100 - 300 HP)
- Service Factor: 1.15 SF

#### In-Stock and Ready to Ship

We 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](http://wwec.co/VHS)

## Product Features

- IP23 protection
- Weather Protected (WPI) enclosure with rodent screens
- 1.15 service factor
- Class F insulation
- Vertical P base
- Premium efficiency
- Inverter duty, 10:1 variable torque
- Spike resistant wiring per NEMA MG-1 Part 31
- 120V space heater
- Part winding start (PWS) (Single voltage, 50-75 HP)
- Double-thrust bearing design (100 – 300 HP) for deeper well applications
- Winding RTDs (125-300 HP)
- Gray epoxy paint for cooler surface temperature
- Epoxy coated rotor and windings
- VPI treated windings
- Felt endbell seal to protect from pump seal failure
- High-thrust bearing design, oil lubrication (40 – 300 HP)
- Re-greasable bottom bearing
- Ball-type non-reversing ratchet
- Standard coupling size included
- 2-year warranty

For more details, including full specifications, compliance, and all available models, visit [wwec.co/VHS](http://wwec.co/VHS)

## WorldWide Electric Softstarts and Drives

Pair up a WorldWide Electric PE VHS motor with a WorldWide Electric softstart or drive for the best performance and efficiency. WorldWide Electric can assist you with selecting drive equipment designed for your specific applications and expectation of quality increase operational efficiency and reduce strain on all motor components.

Learn more about WorldWide Electric's chassis and enclosed variable frequency drives and softstarts at [wwec.co/controls](http://wwec.co/controls)

## Model Number Selection

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

### Dual Voltage (230/460V)

<b>WPEVHS</b>	<b>75</b>	-	<b>18</b>	-	<b>365TP</b>	-	<b>16.5</b>
Product Family	HP		RPM/100		Frame		Base Size (inches)

### Single Voltage (460V)

<b>WPEVHS</b>	<b>60</b>	-	<b>18</b>	-	<b>364TP</b>	-	<b>16.5</b>	-	<b>460 PWS</b>
Product Family	HP		RPM/100		Frame		Base Size (inches)		Voltage + Part Winding Start

<b>WPEVHS</b>	<b>150</b>	-	<b>18</b>	-	<b>444TP</b>	-	<b>DB</b>	-	<b>16.5</b>
Product Family	HP		RPM/100		Frame		Double Bearing		Base Size (inches)

## Available Models

### Dual Voltage (230/460V)

HP	RPM	NEMA Frame	Base Diameter
10	1800	215TP	10
15		254TP	
20		256TP	
25		284TP	12
30		286TP	
40		324TP	16.5
50		326TP	
60		364TP	
75		365TP	

### Single Voltage (460V)

HP	RPM	NEMA Frame	Bearings	Base Diameter
50	1800	326TP	Single Thrust	16.5
60		364TP		
75		365TP		
100		404TP	Double Thrust (DB)	
125		405TP		
150		444TP		
200		445TP	20	
250		445TP		
300		5006P		

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WorldWide Electric Corporation is a leading manufacturer of electric motors, motor controls, and gear reducers 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.