

Vertical Hollow Shaft



North American Electric, Inc.



Vertical Hollow Shaft Motors



NEMA
Premium

ISO9001
CERTIFIED



UL
US



MISSION STATEMENT

To provide complete automation solutions for the United States and international market with products and service that meet or exceed customer expectations for quality, performance, and reliability at the lowest possible cost and delivered within the customer's schedule, through our authorized distribution network.

COMPANY HISTORY

In 1993, North American Electric began sourcing high quality, high performance electric motors and gearing from around the world and distributed them on a national and international level. In 2014, we opened our NAE Motor Controls division enabling us to offer our wholesale distribution network complete automation solutions.



Motors



Controls



Gear Reducers



SINGLE PHASE, 56C FRAME, TEFC

1/3 HP—2 HP; 2 or 4-Pole
High Starting Torques
Capacitor Start / Capacitor Run Design
Rolled Steel Construction
Removable Feet



THREE-PHASE, 56C FRAME, TEFC

1/3 HP—3 HP; 2 or 4-Pole
High Starting Torque
Rolled Steel Construction
Removable Feet



THREE-PHASE, TEFC

1 HP—10 HP; 2 or 4-Pole
High Starting Torque
Rolled Steel Construction



SINGLE PHASE, FARM DUTY, TEFC

1/3 HP—10 HP; 2 or 4-Pole
High Starting Torques
Manual Overload Protection (1/3 HP—5 HP)
Capacitor Start / Capacitor Run Design
Rolled Steel Construction



SINGLE PHASE, COMPRESSOR DUTY, ODP

3 HP—5 HP; 2 or 4-Pole
High Starting Torque
Capacitor Start / Capacitor Run Design
Rolled Steel Construction



THREE-PHASE, OPEN DRIP PROOF

1 HP—20 HP; 2 or 4-Pole
High Starting Torque
Rolled Steel Construction



ALUMINUM FRAME INVERTER DUTY MOTORS

1 HP—10 HP; 2 or 4-Pole
Totally Enclosed Fan Cooled
Inverter Duty (20:1 VT; 10:1 CT)



GENERAL PURPOSE INVERTER DUTY MOTORS

1 HP—300 HP; 2, 4, 6 or 8-Pole
NEMA Design B
Totally Enclosed Fan Cooled or Open Drip Proof
Inverter Duty (20:1 VT; 10:1 CT)



ROUND BODY MOTORS

1 HP—30 HP; 4-Pole; 1800 RPM
C-Flange without Feet
Totally Enclosed Fan Cooled
Inverter Duty (20:1 VT; 10:1 CT)



CRUSHER DUTY MOTORS

1 HP—600 HP; 4, 6 or 8-Pole
NEMA Design C
Totally Enclosed Fan Cooled
Inverter Duty (20:1 VT; 10:1 CT) (1 HP—300 HP)
Inverter Rated (10:1 VT; 5:1 CT) (250 HP—600 HP)



WASHDOWN DUTY MOTORS STAINLESS STEEL

1/3 HP—20 HP; 2, 4 or 6-Pole
C-Flange w/ Feet or Round Body
Inverter Duty (20:1 VT; 10:1 CT)



CLOSE COUPLED PUMP MOTORS

1 HP—75 HP; 2 or 4-Pole
Totally Enclosed Fan Cooled
Inverter Duty (20:1 VT; 10:1 CT)



EXPLOSION PROOF MOTORS

1—250 HP; 2, 4 or 6-Pole
All Motors Meet or Exceed UL 674 Specification
As Required By OSHA For Installation and Use In Hazardous Locations
Totally Enclosed Explosion Proof (TEXP)
Inverter Rated (10:1 VT; 5:1 CT)



OIL WELL PUMP MOTORS, TEFC

2 HP—150 HP; 6 or 8-Pole
NEMA Design D; High Slip (5%—8% Slip)
Special Purpose Oil Well Pump Motors
Inverter Duty (20:1 VT; 10:1 CT)



OIL WELL PUMP MOTORS, ODP

7.5 HP—100 HP; 6-Pole
NEMA Design D; High Slip (5%—8% Slip)
Special Purpose Oil Well Pump Motors
Inverter Duty (20:1 VT; 10:1 CT)



VERTICAL HOLLOW SHAFT PUMP MOTORS

10 HP—500 HP; 4-Pole
Extra High Thrust / Double Stacked Bearings Available
Inverter Rated (10:1 VT) or Inverter Duty (20:1 VT)



ROTARY UNIT MOTO FOR ROTARY PHASE CONVERTER

3 HP—60 HP; 4-Pole
For Use with Rotary Phase Converters To Run Three Phase Equipment From Single Phase Power
Totally Enclosed Fan Cooled



SHAFT MOUNT REDUCERS & ACCESSORIES

2—10 Box Size
Gear Ratios: 15:1 or 25:1
Screw Conveyor Adaptors Available
Repair Kits Also Available



CONTROLS:

Safety Switches
Across the Line Starters (ATL)
Part Wind Starters (PWS)
Soft Starters
VFDs (Available in NEMA 3R, 4, 4X and 12)



MOTOR SLIDE BASES

Available 56—505U Frame
Single-Adjusting Screw Type (56—145T Frame)
Double-Adjusting Screw Type (182T—505U Frame)



VHS—V1 Series Cast Iron/Plate Steel
Three-Phase, 215TP—5008P Frame
Open Weather-Protected Machine Type 1—WP1
Inverter Rated (10:1 VT)
High / Extra High Thrust

10 HP—500 HP
VERTICAL HOLLOW SHAFT
INVERTER RATED (10:1 VT)

HIGH/EXTRA HIGH THRUST DESIGN
215TP—5008P FRAME
OPEN WEATHER-PROTECTED MACHINE TYPE 1—WP1
THREE-PHASE
V1 SERIES



Standard Features Include:

- 1 10 HP—500 HP in Stock
- 2 1.15 Service Factor @ 60 Hertz
- 3 Oversized Angular Contact Bearing and Ball Bearing
 - High Thrust (10 HP—250 HP)
 - Extra High Thrust / Double Stacked Bearing Available (100 HP—500 HP)
- 4 Class F Insulation System; Class B Rise at Full Load;
Class H Vacuum Pressure Impregnation (VPI) Resin for All Windings
- 5 40° C Ambient Continuous Duty
- 6 Stainless Steel Nameplate and Zinc Plate Hardware
- 7 NEMA Design B Performance
- 8 Enclosure: WP1—Open Weather-Protected Machine Type 1
- 9 Non-Reverse Ratchet (Ball Type)
- 10 Dual Voltage Ratings Suitable for Part Wind Start at 230V;
Single Voltage Ratings are Suitable for Part Wind Start at 460V
- 11 Oil Bath with Large Reservoir (40 HP—500 HP)
- 12 Cast Iron / Plate Steel Frame Construction
- 13 Light Weight Hood for Easy Access
- 14 Space Heaters
- 15 Resistance Temperature Detector (RTD) (300 HP—500 HP)
- 16 Thermal Protected
- 17 Corrosion Resistant Epoxy Paint
- 18 Lifting Provisions
- 19 Two (2) Year Warranty (Extended Warranty Available)
- 20 Parts and Accessories Available⁵



APPLICATIONS:

Designed primarily for deep well turbine pump applications. The coupling is equipped with a non-reverse ratchet, which prevents motor rotation from backspin at shutdown. These motors are built to NEMA standards and have special bearing arrangements to carry heavy thrust loads. Suitable for use with variable frequency drives.

Model Number	HP	RPM	Volts	Frame	Flange Type	Full Load % Efficiency	Full Load Amps	"CD" Dim.	"BD" Dim.	DN Thrust	Nom. BX	SQ Key (EW)	Weight (lbs.)	Notes	Mult. Symbol	List Price
V1-10D4-W21510A	10	1800	230/460	215TP	VHS	91.7	24.4/12.2	17.6	10.0	2500	1.000	0.250	366	1	M15	\$ 5,457.90
V1-15D4-W25410A	15	1800	230/460	254TP	VHS	93.0	34.6/17.3	23.4	10.0	3200	1.000	0.250	595	1	M15	\$ 6,378.99
V1-20D4-W25610A	20	1800	230/460	256TP	VHS	93	47/23.5	23.4	10.0	3200	1.000	0.250	527	1	M15	\$ 7,281.38
V1-25D4-W28410A	25	1800	230/460	284TP	VHS	93.6	57.6/28.8	24.8	10.0	3200	1.000	0.250	572	1	M15	\$ 8,351.09
V1-25D4-W28410B	25	1800	230/460	284TP	VHS	93.6	57.6/28.8	24.8	10.0	3200	1.188	0.250	572	1	M15	\$ 8,351.09
V1-30D4-W28610A	30	1800	230/460	286TP	VHS	94.1	68.2/34.1	24.8	10.0	3200	1.000	0.250	590	1	M15	\$ 8,856.98
V1-30D4-W28610B	30	1800	230/460	286TP	VHS	94.1	68.2/34.1	24.8	10.0	3200	1.188	0.250	590	1	M15	\$ 8,856.98
V1-30D4-W28616B	30	1800	230/460	286TP	VHS	94.1	68.2/34.1	24.8	16.5	3200	1.188	0.250	590	1	M15	\$ 8,856.98
V1-40D4-W32416A	40	1800	230/460	324TP	VHS	94.1	92/46	28.2	16.5	5500	1.250	0.250	761	1	M15	\$ 11,030.25
V1-40D4-W32416B	40	1800	230/460	324TP	VHS	94.1	92/46	28.2	16.5	5500	1.188	0.250	761	1	M15	\$ 11,030.25
V1-40S4-W32416A	40	1800	460	324TP	VHS	94.1	46	28.2	16.5	5500	1.250	0.250	761	2	M15	\$ 11,030.25
V1-50D4-W32616A	50	1800	230/460	326TP	VHS	94.5	112.8/56.4	28.2	16.5	5500	1.250	0.250	824	1	M15	\$ 12,450.20
V1-50D4-W32616B	50	1800	230/460	326TP	VHS	94.5	112.8/56.4	28.2	16.5	5500	1.188	0.250	824	1	M15	\$ 12,450.20
V1-50S4-W32616A	50	1800	460	326TP	VHS	94.5	56.4	28.2	16.5	5500	1.250	0.250	824	2	M15	\$ 12,450.20
V1-60D4-W36416A	60	1800	230/460	364TP	VHS	95	136.6/68.3	31.2	16.5	5600	1.250	0.250	983	1	M15	\$ 13,159.39
V1-60D4-W36416B	60	1800	230/460	364TP	VHS	95.0	136.6/68.3	31.2	16.5	5600	1.188	0.250	983	1	M15	\$ 13,159.39
V1-60S4-W36416A	60	1800	460	364TP	VHS	95	68.3	31.2	16.5	5600	1.250	0.250	983	2	M15	\$ 13,159.39
V1-60S4-W36416B	60	1800	460	364TP	VHS	95.0	68.3	31.2	16.5	5600	1.188	0.250	983	2	M15	\$ 13,159.39
V1-75D4-W36516A	75	1800	230/460	365TP	VHS	95	170/85	31.2	16.5	5600	1.250	0.250	1033	1	M15	\$ 16,941.73
V1-75D4-W36516B	75	1800	230/460	365TP	VHS	95.0	170/85	31.2	16.5	5600	1.188	0.250	1033	1	M15	\$ 16,941.73
V1-75S4-W36516A	75	1800	460	365TP	VHS	95	85	31.2	16.5	5600	1.250	0.250	1033	2	M15	\$ 16,941.73
V1-75S4-W36516B	75	1800	460	365TP	VHS	95.0	85	31.2	16.5	5600	1.188	0.250	1033	2	M15	\$ 16,941.73

¹ Suitable for Part Wind Start on 230V ⁴ Extra High Thrust, Double Stacked Bearing Design
² Suitable for Part Wind Start on 460V ⁵ Please reference pp. 8—9 for parts and accessories, or contact us at 800-884-0404 for assistance.
³ Zinc Plate Steel Frame Construction

Accessories on p. 8
 Motor Couplings on p. 9
 Performance on p. 10
 Dimensions on p. 12
 Warranty on p. 14

VHS—V1 Series Cast Iron/Plate Steel
Three-Phase, 215TP—5008P Frame
Open Weather-Protected Machine Type 1—WP1
Inverter Rated (10:1 VT)
High / Extra High Thrust

10 HP—500 HP
VERTICAL HOLLOW SHAFT
INVERTER RATED (10:1 VT)

HIGH/EXTRA HIGH THRUST DESIGN
 215TP—5008P FRAME
 OPEN WEATHER-PROTECTED MACHINE TYPE 1—WP1
 THREE-PHASE
 V1 SERIES

Model Number	HP	RPM	Volts	Frame	Flange Type	Full Load % Efficiency	Full Load Amps	"CD" Dim.	"BD" Dim.	DN Thrust	Nom. BX	SQ Key (EW)	Weight (lbs.)	Notes	Mult. Symbol	List Price
V1-100D4-W40416A	100	1800	230/460	404TP	VHS	95.4	224/112	36.9	16.5	6700	1.500	0.375	1454	1	M15	\$ 21,275.66
V1-100D4-W40416B	100	1800	230/460	404TP	VHS	95.4	224/112	36.9	16.5	6700	1.188	0.250	1454	1	M15	\$ 21,275.66
V1-100S4-W40416A-EHT	100	1800	460	404TP	VHS	95.4	112.0	36.9	16.5	13400	1.500	0.375	1454	2,4	M15	\$ 23,748.63
V1-125S4-W40516A-EHT	125	1800	460	405TP	VHS	95.4	139.0	36.9	16.5	13400	1.500	0.375	1506	2,4	M15	\$ 25,215.60
V1-150S4-W44416A-EHT	150	1800	460	444TP	VHS	95.8	165.0	44.8	16.5	14400	1.690	0.375	1984	2,4	M15	\$ 31,752.13
V1-200S4-W44516A-EHT	200	1800	460	445TP	VHS	95.8	221.0	44.8	16.5	14400	1.690	0.375	2099	2,4	M15	\$ 43,794.64
V1-250S4-W44516A-EHT	250	1800	460	445TP	VHS	95.8	276.0	44.8	16.5	14400	1.938	0.500	2206	2,4	M15	\$ 48,951.30
V1-300S4-W500624A-EHT	300	1800	460	5006P	VHS	95.8	328.0	49.8	24.5	24000	1.690	0.375	3693	2,3,4	M15	\$ 35,800.00
V1-350S4-W500624A-EHT	350	1800	460	5006P	VHS	95.8	379.0	49.8	24.5	24000	1.690	0.375	3693	2,3,4	M15	\$ 38,750.00
V1-400S4-W500824A-EHT	400	1800	460	5008P	VHS	95.8	437.0	53.9	24.5	24000	1.938	0.500	3955	2,3,4	M15	\$ 45,000.00
V1-450S4-W500824A-EHT	450	1800	460	5008P	VHS	96.2	489.0	53.9	24.5	24000	2.188	0.500	4193	2,3,4	M15	\$ 50,000.00
V1-500S4-W500824A-EHT	500	1800	460	5008P	VHS	96.2	544.0	53.9	24.5	24000	2.188	0.500	4369	2,3,4	M15	\$ 57,500.00

¹ Suitable for Part Wind Start on 230V

⁴ Extra High Thrust, Double Stacked Bearing Design

² Suitable for Part Wind Start on 460V

⁵ Please reference pp. 8—9 for parts and accessories, or contact us at 800-884-0404 for assistance.

³ Zinc Plate Steel Frame Construction

Accessories on p. 8
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 Warranty on p. 14



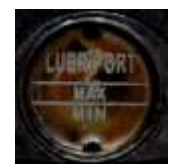
VHS V1 SERIES—INVERTER RATED



LIGHTWEIGHT HOOD
EASY ACCESS



OIL PLUG
EASY FILL



SIGHT GAUGE
EASY READ

VHS—V2 Series Cast Iron/Plate Steel
Three-Phase, 215TP—5008P Frame
Open Weather-Protected Machine Type 1—WP1
Inverter Duty (20:1 VT)
High / Extra High Thrust

10 HP—500 HP
VERTICAL HOLLOW SHAFT
INVERTER DUTY (20:1 VT)

HIGH/EXTRA HIGH THRUST DESIGN
215TP—5008P FRAME
OPEN WEATHER-PROTECTED MACHINE TYPE 1—WP1
THREE-PHASE
V2 SERIES



Standard Features Include:

- 1 10 HP—500 HP in Stock
- 2 1.15 Service Factor @ 60 Hertz
- 3 Oversized Angular Contact Bearing and Ball Bearing;
 Insulated Bearing Mount (40 HP—500 HP)
 - High Thrust (10 HP—250 HP)
 - Extra High Thrust / Double Stacked Bearing Available (100 HP—500 HP)
- 4 Class F Insulation System; Class B Rise at Full Load;
 Class H Vacuum Pressure Impregnation (VPI) Resin for All Windings
- 5 40° C Ambient Continuous Duty
- 6 Stainless Steel Nameplate and Zinc Plate Hardware
- 7 NEMA Design B Performance
- 8 Enclosure: WP1—Open Weather-Protected Machine Type 1
- 9 Non-Reverse Ratchet (Ball Type)
- 10 Dual Voltage Ratings Suitable for Part Wind Start at 230V;
 Single Voltage Ratings are Suitable for Part Wind Start at 460V
- 11 Oil Bath with Large Reservoir (40 HP—500 HP)
- 12 Cast Iron / Plate Steel Frame Construction
- 13 Light Weight Hood for Easy Access
- 14 Space Heaters
- 15 Resistance Temperature Detector (RTD) (300 HP—500 HP)
- 16 Thermal Protected
- 17 Windings Rated for 2200V Peak Voltage Spikes
- 18 Corrosion Resistant Epoxy Paint
- 19 Lifting Provisions
- 20 Two (2) Year Warranty (Extended Warranty Available)
 — Parts and Accessories Available⁵



APPLICATIONS:

Designed primarily for deep well turbine pump applications. The coupling is equipped with a non-reverse ratchet, which prevents motor rotation from backspin at shutdown. These motors are built to NEMA standards and have special bearing arrangements to carry heavy thrust loads. Recommended for use with variable frequency drives.

Model Number	HP	RPM	Volts	Frame	Flange Type	Full Load % Efficiency	Full Load Amps	"CD" Dim.	"BD" Dim.	DN Thrust	Nom. BX	SQ Key (EW)	Weight (lbs.)	Notes	Mult. Symbol	List Price
V2-10D4-W21510A	10	1800	230/460	215TP	VHS	91.7	24.4/12.2	17.6	10.0	2500	1.000	0.250	366	1	M15	\$ 5,798.33
V2-15D4-W25410A	15	1800	230/460	254TP	VHS	93.0	34.6/17.3	23.4	10.0	3200	1.000	0.250	595	1	M15	\$ 6,603.20
V2-20D4-W25610A	20	1800	230/460	256TP	VHS	93.0	47/23.5	23.4	10.0	3200	1.000	0.250	527	1	M15	\$ 7,586.70
V2-25D4-W28410A	25	1800	230/460	284TP	VHS	93.6	57.6/28.8	24.8	10.0	3200	1.000	0.250	572	1	M15	\$ 8,810.90
V2-25D4-W28410B	25	1800	230/460	284TP	VHS	93.6	57.6/28.8	24.8	10.0	3200	1.188	0.250	572	1	M15	\$ 8,810.90
V2-30D4-W28610A	30	1800	230/460	286TP	VHS	94.1	68.2/34.1	24.8	10.0	3200	1.000	0.250	590	1	M15	\$ 9,344.33
V2-30D4-W28610B	30	1800	230/460	286TP	VHS	94.1	68.2/34.1	24.8	10.0	3200	1.188	0.250	590	1	M15	\$ 9,344.33
V2-40D4-W32416A	40	1800	230/460	324TP	VHS	94.1	92/46	28.2	16.5	5500	1.250	0.250	761	1	M15	\$ 11,637.39
V2-40D4-W32416B	40	1800	230/460	324TP	VHS	94.1	92/46	28.2	16.5	5500	1.188	0.250	761	1	M15	\$ 11,637.39
V2-40S4-W32416A	40	1800	460	324TP	VHS	94.1	46.0	28.2	16.5	5500	1.250	0.250	761	2	M15	\$ 11,637.39
V2-50D4-W32616A	50	1800	230/460	326TP	VHS	94.5	112.8/56.4	28.2	16.5	5500	1.250	0.250	824	1	M15	\$ 13,135.27
V2-50D4-W32616B	50	1800	230/460	326TP	VHS	94.5	112.8/56.4	28.2	16.5	5500	1.188	0.250	824	1	M15	\$ 13,135.27
V2-50S4-W32616A	50	1800	460	326TP	VHS	94.5	56.4	28.2	16.5	5500	1.250	0.250	824	2	M15	\$ 13,135.27
V2-60D4-W36416A	60	1800	230/460	364TP	VHS	95.0	136.6/68.3	31.2	16.5	5600	1.250	0.250	983	1	M15	\$ 13,884.92
V2-60D4-W36416B	60	1800	230/460	364TP	VHS	95.0	136.6/68.3	31.2	16.5	5600	1.188	0.250	983	1	M15	\$ 13,884.92
V2-60S4-W36416A	60	1800	460	364TP	VHS	95.0	68.3	31.2	16.5	5600	1.250	0.250	983	2	M15	\$ 13,884.92
V2-60S4-W36416B	60	1800	460	364TP	VHS	95.0	68.3	31.2	16.5	5600	1.188	0.250	983	2	M15	\$ 13,884.92
V2-75D4-W36516A	75	1800	230/460	365TP	VHS	95.0	170/85	31.2	16.5	5600	1.250	0.250	1033	1	M15	\$ 17,875.00
V2-75D4-W36516B	75	1800	230/460	365TP	VHS	95.0	170/85	31.2	16.5	5600	1.188	0.250	1033	1	M15	\$ 17,875.00
V2-75S4-W36516A	75	1800	460	365TP	VHS	95.0	85.0	31.2	16.5	5600	1.250	0.250	1033	2	M15	\$ 17,875.00
V2-75S4-W36516B	75	1800	460	365TP	VHS	95.0	85.0	31.2	16.5	5600	1.188	0.250	1033	2	M15	\$ 17,875.00

¹ Suitable for Part Wind Start on 230V

⁴ Extra High Thrust, Double Stacked Bearing Design

² Suitable for Part Wind Start on 460V

⁵ Please reference pp. 8—9 for parts and accessories, or contact us at 800-884-0404 for assistance.

³ Zinc Plate Steel Frame Construction

Accessories on p. 8
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 Dimensions on p. 13
 Warranty on p. 14

VHS—V2 Series Cast Iron/Plate Steel
Three-Phase, 215TP—5008P Frame
Open Weather-Protected Machine Type 1—WP1
Inverter Duty (20:1 VT)
High / Extra High Thrust

10 HP—500 HP
VERTICAL HOLLOW SHAFT
INVERTER DUTY (20:1 VT)

HIGH/EXTRA HIGH THRUST DESIGN
215TP—5008P FRAME
OPEN WEATHER-PROTECTED MACHINE TYPE 1—WP1
THREE-PHASE
V2 SERIES

Model Number	HP	RPM	Volts	Frame	Flange Type	Full Load % Efficiency	Full Load Amps	"CD" Dim.	"BD" Dim.	DN Thrust	Nom. BX	SQ Key (EW)	Weight (lbs.)	Notes	Mult. Symbol	List Price
V2-10004-W40416A	100	1800	230/460	404TP	VHS	95.4	224/112	36.9	16.5	6700	1.500	0.375	1454	1	M15	\$ 22,603.36
V2-10004-W40416B	100	1800	230/460	404TP	VHS	95.4	224/112	36.9	16.5	6700	1.188	0.250	1454	1	M15	\$ 22,603.36
V2-10054-W40416A-EHT	100	1800	460	404TP	VHS	95.4	112.0	36.9	16.5	13400	1.500	0.375	1454	2,4	M15	\$ 25,153.88
V2-12554-W40516A-EHT	125	1800	460	405TP	VHS	95.4	139.0	36.9	16.5	13400	1.500	0.375	1506	2,4	M15	\$ 26,603.40
V2-15054-W44416A-EHT	150	1800	460	444TP	VHS	95.8	165.0	44.8	16.5	14400	1.690	0.375	1984	2,4	M15	\$ 34,074.53
V2-20054-W44516A-EHT	200	1800	460	445TP	VHS	95.8	221.0	44.8	16.5	14400	1.690	0.375	2099	2,4	M15	\$ 46,546.79
V2-25054-W44516A-EHT	250	1800	460	445TP	VHS	95.8	276.0	44.8	16.5	14400	1.938	0.500	2206	2,4	M15	\$ 52,333.00
V2-30054-W500624A-EHT	300	1800	460	5006P	VHS	95.8	328.0	49.8	24.5	24000	1.690	0.375	3693	2,3,4	M15	\$ 59,523.89
V2-35054-W500624A-EHT	350	1800	460	5006P	VHS	95.8	379.0	49.8	24.5	24000	1.690	0.375	3693	2,3,4	M15	\$ 65,101.25
V2-40054-W500824A-EHT	400	1800	460	5008P	VHS	95.8	437.0	53.9	24.5	24000	1.938	0.500	3955	2,3,4	M15	\$ 75,056.36
V2-45054-W500824A-EHT	450	1800	460	5008P	VHS	96.2	489.0	53.9	24.5	24000	2.188	0.500	4193	2,3,4	M15	\$ 84,086.59
V2-50054-W500824A-EHT	500	1800	460	5008P	VHS	96.2	544.0	53.9	24.5	24000	2.188	0.500	4369	2,3,4	M15	\$ 96,108.39

¹ Suitable for Part Wind Start on 230V

⁴ Extra High Thrust, Double Stacked Bearing Design

² Suitable for Part Wind Start on 460V

⁵ Please reference pp. 8—9 for parts and accessories, or contact us at 800-884-0404 for assistance.

³ Zinc Plate Steel Frame Construction

Accessories on p. 8
 Motor Couplings on p. 9
 Performance on p. 11
 Dimensions on p. 13
 Warranty on p. 14



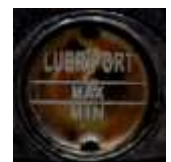
VHS V2 SERIES—INVERTER DUTY



LIGHTWEIGHT HOOD
EASY ACCESS



OIL PLUG
EASY FILL



SIGHT GAUGE
EASY READ

Accessories—VHS

V1 and V2 Series

10 HP—500 HP

VERTICAL HOLLOW SHAFT

REPLACEMENT PARTS

V1 AND V2 SERIES

Ball Bearing Non-Reverse Ratchet Assembly

Model Number	HP	Frame	Weight (lbs.)	Notes	Mult. Symbol	List Price
NRR-215TP	10	215TP	13	--	M15	\$ 591.62
NRR-250/280TP	15 - 30	254TP-286TP	32.0	--	M15	\$ 1,439.64
NRR-250/280TP	15 - 30	254TP-286TP	32.0	--	M15	\$ 1,439.64
NRR-250/280TP	15 - 30	254TP-286TP	32.0	--	M15	\$ 1,439.64
NRR-250/280TP	15 - 30	254TP-286TP	32.0	--	M15	\$ 1,439.64
NRR-320/360TP	40 - 75	324TP-365TP	43.2	--	M15	\$ 1,212.95
NRR-320/360TP	40 - 75	324TP-365TP	43.2	--	M15	\$ 1,212.95
NRR-320/360TP	40 - 75	324TP-365TP	43.2	--	M15	\$ 1,212.95
NRR-400TP	100 - 125	404/5TP	70.1	--	M15	\$ 1,584.79
NRR-400TP	100 - 125	404/5TP	70.1	--	M15	\$ 1,584.79
NRR-445TP	150 - 250	444/5TP	99.7	--	M15	\$ 2,524.50
NRR-445TP	150 - 250	444/5TP	99.7	--	M15	\$ 2,524.50
NRR-445TP	150 - 250	444/5TP	99.7	--	M15	\$ 2,524.50
NRR-5006/8P	300 - 500	5006/8P	169.5	--	M15	\$ 4,792.39
NRR-5006/8P	300 - 500	5006/8P	169.5	--	M15	\$ 4,792.39
NRR-5006/8P	300 - 500	5006/8P	169.5	--	M15	\$ 4,792.39
NRR-5006/8P	300 - 500	5006/8P	169.5	--	M15	\$ 4,792.39



Lubriport Sight Glass

Model Number	HP	Frame	Weight (lbs.)	Mult. Symbol	List Price
SG-LUBRIPORT	40-500	ALL	0.33	M15	\$ 96.23



Alternative Bases

Model Number	HP	Frame	Base Size	Weight (lbs.)	Notes	Mult. Symbol	List Price
AB-215TP-10	10	215T	10"	32.4	--	M15	\$ 702.11
ABPE-215TP-10	10	215T	10"	51.2	1	M15	\$ 702.11
AB-250/280TP-12	15 - 30	254TP - 286TP	12"	51.2	--	M15	\$ 841.10
ABPE-250/280TP-12	15 - 30	254TP - 286TP	12"	51.2	1	M15	\$ 841.10
AB-250/280TP-16.5	15 - 30	254TP - 286TP	16.5"	51.2	--	M15	\$ 841.10
ABPE-250/280TP-16.5	15 - 30	254TP - 286TP	16.5"	51.2	1	M15	\$ 841.10
AB-320TP-12	40 - 50	324TP - 326TP	12"	79.2	--	M15	\$1,205.82
ABPE-320TP-12	40 - 50	324TP - 326TP	12"	79.2	1	M15	\$1,205.82
AB-320TP-16.5	40 - 50	324TP - 326TP	16.5"	79.2	--	M15	\$1,205.82
ABPE-320TP-16.5	40 - 50	324TP - 326TP	16.5"	79.2	1	M15	\$1,205.82
AB-360TP-12	60 - 75	364TP - 365TP	12"	105.8	--	M15	\$1,479.06
ABPE-360TP-12	60 - 75	364TP - 365TP	12"	105.8	1	M15	\$1,479.06
AB-360TP-16.5	60 - 75	364TP - 365TP	16.5"	105.8	--	M15	\$1,479.06
ABPE-360TP-16.5	60 - 75	364TP - 365TP	16.5"	105.8	1	M15	\$1,479.06
AB-400TP-16.5	100 - 125	404TP - 405TP	16.5"	110.3	--	M15	\$1,714.28
ABPE-400TP-16.5	100 - 125	404TP - 405TP	16.5"	110.3	1	M15	\$1,714.28
AB-400TP-20	100 - 125	404TP - 405TP	20"	110.3	--	M15	\$1,714.28
ABPE-400TP-20	100 - 125	404TP - 405TP	20"	110.3	1	M15	\$1,714.28
AB-445TP-16.5	150 - 200	444TP - 445TP	16.5"	177.7	--	M15	\$2,260.76
AB-445TP-20	150 - 200	444TP - 445TP	20"	177.7	--	M15	\$2,260.76
AB-5006/8P-20	150 - 250	5006P - 5008P	20"	244	--	M15	\$6,489.00



Top Cover

Model Number	HP	Frame	Weight (lbs.)	Notes	Mult. Symbol	List Price
TC-215TP	10	215TP	2.43	--	M15	\$ 129.49
TCPE-250/280TP	15 - 20	254/6TP	2.54	1	M15	\$ 178.20
TCPE-250/280TP	25 - 30	284/6TP	2.54	1	M15	\$ 178.20
TC-320TP	40 - 50	324/6TP	2.87	--	M15	\$ 236.41
TCPE-320TP	40 - 50	324/6TP	2.87	1	M15	\$ 236.41
TC-360TP	60 - 75	364/5TP	3.97	--	M15	\$ 247.10
TCPE-360TP	60 - 75	364/5TP	3.97	1	M15	\$ 247.10
TC-400TP	100 - 125	404/5TP	5.18	--	M15	\$ 288.68
TCPE-400TP	100 - 125	404/5TP	5.18	1	M15	\$ 288.68
TC-445TP	150 - 250	444/5TP	7.28	--	M15	\$ 331.45
TC-5006P/5008P	300	5006P-5008P	10.56	--	M15	\$ 433.62



Accessories—VHS

V1 and V2 Series

10 HP—500 HP

VERTICAL HOLLOW SHAFT

MOTOR COUPLINGS

V1 AND V2 SERIES



Model Number	HP	Frame	Standard	Option	Nominal BX	SQ Key (EW)	Mult. Sym.	List Price
VC210-.750	10	215TP		X	0.750	0.188	M15	\$ 150.88
VC210-1.00	10	215TP	X		1.000	0.250	M15	\$ 150.88
VC210-.875	10	215TP		X	0.875	0.188	M15	\$ 150.88
VC210-BLANK	10	215TP		X	0.000	0.000	M15	\$ 150.88
VC250/280-1.00	15 - 30	254TP-286TP	X		1.000	0.250	M15	\$ 156.82
VC250/280-.875	15 - 30	254TP-286TP		X	0.875	0.188	M15	\$ 156.82
VC250/280-.750	15 - 30	254TP-286TP		X	0.750	0.188	M15	\$ 156.82
VC250/280-1.188	15 - 30	254TP-286TP		X	1.188	0.250	M15	\$ 156.82
VC250/280-1.25A	15 - 30	254TP-286TP		X	1.250	0.250	M15	\$ 156.82
VC250/280-1.25B	15 - 30	254TP-286TP		X	1.250	0.375	M15	\$ 156.82
VC250/280-BLANK	15 - 30	254TP-286TP		X	0.000	0.000	M15	\$ 156.82
VC320/360-1.00	40 - 75	324TP-365TP		X	1.000	0.250	M15	\$ 169.88
VC320/360-1.188	40 - 75	324TP-365TP		X	1.188	0.250	M15	\$ 169.88
VC320/360-1.25A	40 - 75	324TP-365TP	X		1.250	0.250	M15	\$ 169.88
VC320/360-1.25B	40 - 75	324TP-365TP		X	1.250	0.375	M15	\$ 169.88
VC320/360-1.438	40 - 75	324TP-365TP		X	1.438	0.375	M15	\$ 169.88
VC320/360-1.500	40 - 75	324TP-365TP		X	1.500	0.375	M15	\$ 169.88
VC320/360-BLANK	40 - 75	324TP-365TP		X	0.000	0.000	M15	\$ 169.88
VC400-1.188	100 - 125	404TP-405TP		X	1.188	0.250	M15	\$ 225.72
VC400-1.25A	100 - 125	404TP-405TP		X	1.250	0.250	M15	\$ 225.72
VC400-1.25B	100 - 125	404TP-405TP		X	1.250	0.375	M15	\$ 225.72
VC400-1.438	100 - 125	404TP-405TP		X	1.438	0.375	M15	\$ 225.72
VC400-1.50	100 - 125	404TP-405TP	X		1.500	0.375	M15	\$ 225.72
VC400-1.563	100 - 125	404TP-405TP		X	1.563	0.375	M15	\$ 225.72
VC400-1.688	100 - 125	404TP-405TP		X	1.688	0.375	M15	\$ 225.72
VC400-1.813	100 - 125	404TP-405TP		X	1.813	0.375	M15	\$ 225.72
VC400-BLANK	100 - 125	404TP-405TP		X	0.000	0.000	M15	\$ 225.72
VC440-1.438	150 - 200	444TP-445TP		X	1.438	0.375	M15	\$ 375.41
VC440-1.500	150 - 200	444TP-445TP		X	1.500	0.375	M15	\$ 375.41
VC440-1.688	150 - 200	444TP-445TP	X		1.688	0.375	M15	\$ 375.41
VC440-1.750	150 - 200	444TP-445TP		X	1.750	0.375	M15	\$ 375.41
VC440-1.938	250	444TP-445TP		X	1.938	0.500	M15	\$ 375.41
VC440-2.188	250	444TP-445TP		X	2.188	0.500	M15	\$ 375.41
VC440-BLANK	150 - 250	444TP-445TP		X	0.000	0.000	M15	\$ 375.41
VC440-1.438	150 - 200	444TP-445TP		X	1.438	0.375	M15	\$ 375.41
VC440-1.500	150 - 200	444TP-445TP		X	1.500	0.375	M15	\$ 375.41
VC440-1.688	150 - 200	444TP-445TP		X	1.688	0.375	M15	\$ 375.41
VC440-1.750	150 - 200	444TP-445TP		X	1.750	0.375	M15	\$ 375.41
VC440-1.938	250	444TP-445TP	X		1.938	0.500	M15	\$ 375.41
VC440-2.188	250	444TP-445TP		X	2.188	0.500	M15	\$ 375.41
VC440-BLANK	150 - 250	444TP-445TP		X	0.000	0.000	M15	\$ 375.41
VC500-1.501	300 - 350	5006P		X	1.501	0.375	M15	\$ 675.97
VC500-1.688	300 - 350	5006P	X		1.688	0.375	M15	\$ 675.97
VC500-1.751	300 - 350	5006P		X	1.751	0.500	M15	\$ 675.97
VC500-1.813	300 - 350	5006P		X	1.813	0.500	M15	\$ 675.97
VC500-BLANK	400 - 450	5006P-5008P		X	0.000	0.000	M15	\$ 675.97
VC500-1.938	400 - 450	5008P	X		1.938	0.500	M15	\$ 675.97
VC500-2.001	400 - 450	5008P		X	2.001	0.500	M15	\$ 675.97
VC500-2.188	400 - 450	5008P		X	2.188	0.500	M15	\$ 675.97
VC500-2.251	400 - 450	5008P		X	2.251	0.500	M15	\$ 675.97
VC500-BLANK	400 - 450	5006P-5008P		X	0.000	0.000	M15	\$ 675.97
VC500-1.938	400 - 450	5008P		X	1.938	0.500	M15	\$ 675.97
VC500-2.001	400 - 450	5008P		X	2.001	0.500	M15	\$ 675.97
VC500-2.188	400 - 450	5008P	X		2.188	0.500	M15	\$ 675.97
VC500-2.251	400 - 450	5008P		X	2.251	0.500	M15	\$ 675.97
VC500-BLANK	400 - 450	5006P-5008P		X	0.000	0.000	M15	\$ 675.97

Performance Data—VHS V1 Series

10 HP—500 HP VERTICAL HOLLOW SHAFT INVERTER RATED (10:1 VT)

HIGH/EXTRA HIGH THRUST DESIGN
215TP—5008P FRAME
OPEN WEATHER-PROTECTED MACHINE TYPE 1—WP1
THREE-PHASE
V1 SERIES



Model Number	HP	Full Load RPM	Frame	Service Factor	Insulation Class	NEMA Design	NEMA Code	Full Load Amps @ 230V/460V	Locked Rotor Amps @ 230V/460V	Full Load % Efficiency	Full Load % Power Factor	FLT Ft-Lb	LRT (%)	BDT (%)	DE / Bottom Bearing	ODE / Upper Bearing	Weight (lbs.)	PWS 230V	PWS 460V	Enclosure Type	Down Thrust
V1-10D4-W21510A	10	1780	215TP	1.15	F	B	H	12.2	85.0	91.7	0.84	29.0	220	250	6210	7310B	366	X		WP1	2500
V1-15D4-W25410A	15	1785	254TP	1.15	F	B	H	17.3	128.0	93.0	0.86	44.0	218	250	6212	7312B	595	X		WP1	3200
V1-20D4-W28610A	20	1785	286TP	1.15	F	B	H	23.5	172.0	93.0	0.86	58.0	215	250	6212	7312B	595	X		WP1	3200
V1-25D4-W28410A	25	1785	284TP	1.15	F	B	H	28.8	210.0	93.6	0.86	73.0	215	250	6212	7312B	668	X		WP1	3200
V1-25D4-W28410B	25	1785	284TP	1.15	F	B	H	28.8	210.0	93.6	0.86	73.0	215	250	6212	7312B	668	X		WP1	3200
V1-30D4-W28610A	30	1785	286TP	1.15	F	B	H	34.1	256.0	94.1	0.86	88.0	212	240	6212	7312B	698	X		WP1	3200
V1-30D4-W28610B	30	1785	286TP	1.15	F	B	H	34.1	256.0	94.1	0.86	88.0	212	240	6212	7312B	698	X		WP1	3200
V1-40D4-W32416A	40	1785	324TP	1.15	F	B	H	46.0	345.0	94.1	0.87	117.0	213	240	7221B	6213	860	X		WP1	5500
V1-40D4-W32416B	40	1785	324TP	1.15	F	B	H	46.0	345.0	94.1	0.87	117.0	213	240	7221B	6213	860	X		WP1	5500
V1-50D4-W32616A	50	1785	326TP	1.15	F	B	H	56.4	418.0	94.5	0.87	146.0	216	230	7221B	6213	910	X		WP1	5500
V1-50D4-W32616B	50	1785	326TP	1.15	F	B	H	56.4	418.0	94.5	0.87	146.0	216	230	7221B	6213	910	X		WP1	5500
V1-60D4-W36416A	60	1787	364TP	1.15	F	B	H	68.3	505.0	95.0	0.87	175.0	218	240	7224B	6314	1179	X		WP1	5600
V1-60D4-W36416B	60	1787	364TP	1.15	F	B	H	68.3	505.0	95.0	0.87	175.0	218	240	7224B	6314	1179	X		WP1	5600
V1-60S4-W36416A	60	1787	364TP	1.15	F	B	H	68.3	505.0	95.0	0.87	175.0	218	240	7224B	6314	1179	X		WP1	5600
V1-60S4-W36416B	60	1787	364TP	1.15	F	B	H	68.3	505.0	95.0	0.87	175.0	218	240	7224B	6314	1179	X		WP1	5600
V1-75D4-W36516A	75	1787	365TP	1.15	F	B	H	85.0	637.0	95.0	0.87	219.0	220	240	7224B	6314	1210	X		WP1	5600
V1-75D4-W36516B	75	1787	365TP	1.15	F	B	H	85.0	637.0	95.0	0.87	219.0	220	240	7224B	6314	1210	X		WP1	5600
V1-75S4-W36516A	75	1787	365TP	1.15	F	B	H	85.0	637.0	95.0	0.87	219.0	220	240	7224B	6314	1210	X		WP1	5600
V1-100D4-W40416A	100	1788	404TP	1.15	F	B	H	112.0	818.0	95.4	0.88	292.0	220	240	7230B	6317	1726	X		WP1	6700
V1-100D4-W40416B	100	1788	404TP	1.15	F	B	H	112.0	818.0	95.4	0.88	292.0	220	240	7230B	6317	1726	X		WP1	6700
V1-100S4-W40416A	100	1788	404TP	1.15	F	B	H	112.0	818.0	95.4	0.88	292.0	220	240	7230B	6317	1726	X		WP1	6700
V1-100S4-W40416A-EHT	100	1788	404TP	1.15	F	B	H	112.0	818.0	95.4	0.88	292.0	220	240	7230B/DT	6317	1726	X		WP1	13400
V1-125S4-W40516A	125	1788	405TP	1.15	F	B	H	139.0	998.0	95.4	0.88	365.0	210	230	7230B	6317	1782	X		WP1	6700
V1-125S4-W40516A-EHT	125	1788	405TP	1.15	F	B	H	139.0	998.0	95.4	0.88	365.0	210	230	7230B/DT	6317	1782	X		WP1	13400
V1-150S4-W44416A	150	1788	444TP	1.15	F	B	H	165.0	1188.0	95.8	0.88	438.0	196	220	7232B	6318	1984	X		WP1	7200
V1-150S4-W44416A-EHT	150	1788	444TP	1.15	F	B	H	165.0	1188.0	95.8	0.88	438.0	196	220	7232B/DT	6318	1984	X		WP1	14400
V1-200S4-W44516A	200	1788	445TP	1.15	F	B	G	221.0	1462.0	95.8	0.88	584.0	166	220	7232B	6318	2099	X		WP1	7200
V1-200S4-W44516A-EHT	200	1788	445TP	1.15	F	B	G	221.0	1462.0	95.8	0.88	584.0	166	220	7232B/DT	6318	2099	X		WP1	14400
V1-250S4-W44516A	250	1788	445TP	1.15	F	B	G	276.0	1849.0	95.8	0.88	730.0	168	220	7232B	6318	2206	X		WP1	7200
V1-250S4-W44516A-EHT	250	1788	445TP	1.15	F	B	G	276.0	1849.0	95.8	0.88	730.0	168	220	7232B/DT	6318	2206	X		WP1	14400
V1-300S4-W500624A-EHT	300	1790	5006P	1.15	F	B	G	328.0	2328.0	95.8	0.90	876.0	188	230	7236B/DT	6322	3693	X		WP1	24000
V1-350S4-W500624A-EHT	350	1790	5006P	1.15	F	B	G	379.0	2672.0	95.8	0.90	1022.0	178	230	7236B/DT	6322	3693	X		WP1	24000
V1-400S4-W500824A-EHT	400	1790	5008P	1.15	F	B	G	437.0	2940.0	95.8	0.90	1168.0	164	220	7236B/DT	6322	3955	X		WP1	24000
V1-450S4-W500824A-EHT	450	1790	5008P	1.15	F	B	G	489.0	3375.0	96.2	0.90	1314.0	176	220	7236B/DT	6322	4193	X		WP1	24000
V1-500S4-W500824A-EHT	500	1790	5008P	1.15	F	B	G	544.0	3845.0	96.2	0.90	1460.0	168	220	7236B/DT	6322	4369	X		WP1	24000

Performance Data—VHS

V2 Series

10 HP—500 HP

VERTICAL HOLLOW SHAFT

INVERTER DUTY (20:1 VT)

HIGH/EXTRA HIGH THRUST DESIGN
 215TP—5008P FRAME
 OPEN WEATHER-PROTECTED MACHINE TYPE 1—WP1
 THREE-PHASE
 V2 SERIES



Model Number	HP	Full Load RPM	Frame	Service Factor	Insulation Class	NEMA Design	NEMA Code	Full Load Amps @ 230V/460V	Locked Rotor Amps @ 230V/460V	Full Load % Efficiency	Full Load % Power Factor	FLT Ft-Lb	LRT (%)	BDT (%)	DE / Bottom Bearing	ODE / Upper Bearing	Weight (lbs.)	PWS 230V	PWS 460V	Enclosure Type	Down Thrust
V2-10D4-W21510A	10	1780	215TP	1.15	F	B	H	12.2	85.0	91.7	0.84	29.0	220	250	6210	7310B	366	X		WP1	2500
V2-15D4-W25410A	15	1785	254TP	1.15	F	B	H	17.3	128.0	93.0	0.86	44.0	218	250	6212	7312B	595	X		WP1	3200
V2-20D4-W25610A	20	1785	256TP	1.15	F	B	H	23.5	172.0	93.0	0.86	58.0	215	250	6212	7312B	595	X		WP1	3200
V2-25D4-W28410A	25	1785	284TP	1.15	F	B	H	28.8	210.0	93.6	0.86	73.0	215	250	6212	7312B	668	X		WP1	3200
V2-25D4-W28410B	25	1785	284TP	1.15	F	B	H	28.8	210.0	93.6	0.86	73.0	215	250	6212	7312B	668	X		WP1	3200
V2-30D4-W28610A	30	1785	286TP	1.15	F	B	H	34.1	256.0	94.1	0.86	88.0	212	240	6212	7312B	698	X		WP1	3200
V2-30D4-W28610B	30	1785	286TP	1.15	F	B	H	34.1	256.0	94.1	0.86	88.0	212	240	6212	7312B	698	X		WP1	3200
V2-40D4-W32416A	40	1785	324TP	1.15	F	B	H	46.0	345.0	94.1	0.87	117.0	213	240	7221B	6213	860	X		WP1	5500
V2-40D4-W32416B	40	1785	324TP	1.15	F	B	H	46.0	345.0	94.1	0.87	117.0	213	240	7221B	6213	860	X		WP1	5500
V2-40S4-W32416A	40	1785	324TP	1.15	F	B	H	46.0	345.0	94.1	0.87	117.0	213	240	7221B	6213	860	X	X	WP1	5500
V2-50D4-W32616A	50	1785	326TP	1.15	F	B	H	56.4	418.0	94.5	0.87	146.0	216	230	7221B	6213	910	X		WP1	5500
V2-50D4-W32616B	50	1785	326TP	1.15	F	B	H	56.4	418.0	94.5	0.87	146.0	216	230	7221B	6213	910	X		WP1	5500
V2-50S4-W32616A	50	1785	326TP	1.15	F	B	H	56.4	418.0	94.5	0.87	146.0	216	230	7221B	6213	910	X	X	WP1	5500
V2-60D4-W36416A	60	1787	364TP	1.15	F	B	H	68.3	505.0	95.0	0.87	175.0	218	240	7224B	6314	1179	X		WP1	5600
V2-60D4-W36416B	60	1787	364TP	1.15	F	B	H	68.3	505.0	95.0	0.87	175.0	218	240	7224B	6314	1179	X		WP1	5600
V2-60S4-W36416A	60	1787	364TP	1.15	F	B	H	68.3	505.0	95.0	0.87	175.0	218	240	7224B	6314	1179	X	X	WP1	5600
V2-60S4-W36416B	60	1787	364TP	1.15	F	B	H	68.3	505.0	95.0	0.87	175.0	218	240	7224B	6314	1179	X	X	WP1	5600
V2-75D4-W36516A	75	1787	365TP	1.15	F	B	H	85.0	637.0	95.0	0.87	219.0	220	240	7224B	6314	1210	X		WP1	5600
V2-75D4-W36516B	75	1787	365TP	1.15	F	B	H	85.0	637.0	95.0	0.87	219.0	220	240	7224B	6314	1210	X		WP1	5600
V2-75S4-W36516A	75	1787	365TP	1.15	F	B	H	85.0	637.0	95.0	0.87	219.0	220	240	7224B	6314	1210	X	X	WP1	5600
V2-100D4-W40416A	100	1788	404TP	1.15	F	B	H	112.0	818.0	95.4	0.88	292.0	220	240	7230B	6317	1726	X		WP1	6700
V2-100D4-W40416B	100	1788	404TP	1.15	F	B	H	112.0	818.0	95.4	0.88	292.0	220	240	7230B	6317	1726	X		WP1	6700
V2-100S4-W40416A	100	1788	404TP	1.15	F	B	H	112.0	818.0	95.4	0.88	292.0	220	240	7230B	6317	1726	X	X	WP1	6700
V2-100S4-W40416A-EHT	100	1788	404TP	1.15	F	B	H	112.0	818.0	95.4	0.88	292.0	220	240	7230B/DT	6317	1726	X	X	WP1	13400
V2-125D4-W40516A	125	1788	405TP	1.15	F	B	H	139.0	998.0	95.4	0.88	365.0	210	230	7230B	6317	1782	X		WP1	6700
V2-125S4-W40516A-EHT	125	1788	405TP	1.15	F	B	H	139.0	998.0	95.4	0.88	365.0	210	230	7230B/DT	6317	1782	X	X	WP1	13400
V2-150D4-W44416A	150	1788	444TP	1.15	F	B	H	165.0	1188.0	95.8	0.88	438.0	196	220	7232B	6318	1984	X		WP1	7200
V2-150S4-W44416A-EHT	150	1788	444TP	1.15	F	B	H	165.0	1188.0	95.8	0.88	438.0	196	220	7232B/DT	6318	1984	X	X	WP1	14400
V2-200S4-W44516A	200	1788	445TP	1.15	F	B	G	221.0	1462.0	95.8	0.88	584.0	166	220	7232B	6318	2099	X		WP1	7200
V2-200S4-W44516A-EHT	200	1788	445TP	1.15	F	B	G	221.0	1462.0	95.8	0.88	584.0	166	220	7232B/DT	6318	2099	X	X	WP1	14400
V2-250S4-W44516A	250	1788	445TP	1.15	F	B	G	276.0	1849.0	95.8	0.88	730.0	168	220	7232B	6318	2206	X		WP1	7200
V2-250S4-W44516A-EHT	250	1788	445TP	1.15	F	B	G	276.0	1849.0	95.8	0.88	730.0	168	220	7232B/DT	6318	2206	X	X	WP1	14400
V2-300S4-W500624A-EHT	300	1790	5006P	1.15	F	B	G	328.0	2328.0	95.8	0.90	876.0	188	230	7236B/DT	6322	3693	X	X	WP1	24000
V2-350S4-W500624A-EHT	350	1790	5006P	1.15	F	B	G	379.0	2672.0	95.8	0.90	1022.0	178	230	7236B/DT	6322	3693	X	X	WP1	24000
V2-400S4-W500824A-EHT	400	1790	5008P	1.15	F	B	G	437.0	2840.0	95.8	0.90	1168.0	164	220	7236B/DT	6322	3955	X	X	WP1	24000
V2-450S4-W500824A-EHT	450	1790	5008P	1.15	F	B	G	489.0	3375.0	96.2	0.90	1314.0	176	220	7236B/DT	6322	4193	X	X	WP1	24000
V2-500S4-W500824A-EHT	500	1790	5008P	1.15	F	B	G	544.0	3845.0	96.2	0.90	1460.0	168	220	7236B/DT	6322	4369	X	X	WP1	24000

Dimensions—VHS

V1 Series

10 HP—500 HP

VERTICAL HOLLOW SHAFT

INVERTER RATED (10:1 VT)

HIGH/EXTRA HIGH THRUST DESIGN
215TP—5008P FRAME
THREE-PHASE
V1 SERIES

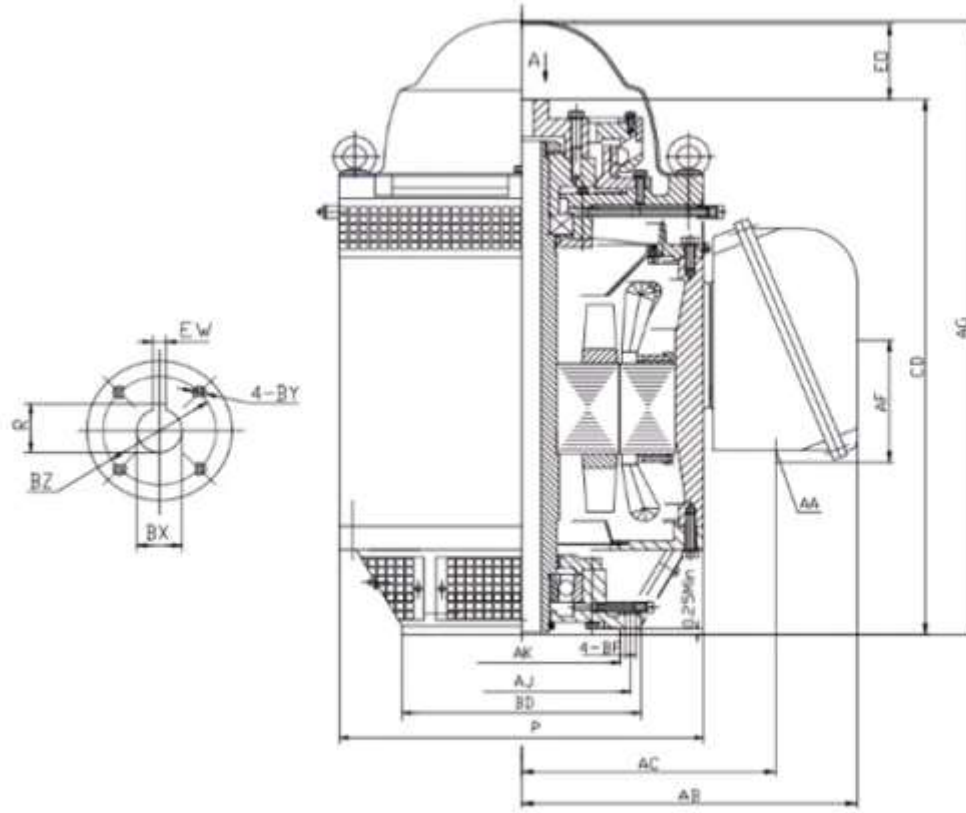


Diagram T

Model Number	HP	RPM	Frame	Mounting Dimensions																Mount / Coupling	Diagram	
				P	AK	AJ	AG	BD	N*BF	BX	BY	BZ	CD	R	EO>	EW	AA	AB	AC			AF
V1-10D4-W21510A	10	1750	215TP	15.2	8.3	9.13	22	10.00	0.44	1	10-32	1	18	1.114	4.06	0.25	1" NPT	14.06	10.6	5.83	1.0"	T
V1-15D4-W25410A	15	1770	254TP	17.3	8.3	9.13	28	10.00	0.44	1	10-32	1	23	1.114	4.29	0.25	3" NPT	15.07	11.65	5.83	1.0"	T
V1-20D4-W25610A	20	1770	256TP	17.3	8.3	9.13	28	10.00	0.44	1	10-32	1	23	1.114	4.29	0.25	3" NPT	15.07	11.65	5.83	1.0"	T
V1-25D4-W28410A	25	1770	284TP	17.3	8.3	9.13	29	10.00	0.44	1	10-32	1	25	1.114	4.29	0.25	3" NPT	15.07	11.65	5.83	1.0"	T
V1-25D4-W28410B	25	1770	284TP	17.3	8.3	9.13	29	10.00	0.44	1.188	1/4-20	2	25	1.304	4.29	0.25	3" NPT	15.07	11.65	5.83	1.188"	T
V1-30D4-W28610A	30	1770	286TP	17.3	8.3	9.13	29	10.00	0.44	1	10-32	1	25	1.114	4.29	0.25	3" NPT	15.07	11.65	5.83	1.0"	T
V1-30D4-W28610B	30	1770	286TP	17.3	8.3	9.13	29	10.00	0.44	1.188	1/4-20	2	25	1.304	4.29	0.25	3" NPT	15.07	11.65	5.83	1.188"	T
V1-30D4-W28616B	30	1770	286TP	17.3	13.5	14.75	29	16.50	0.69	1.188	1/4-20	2	25	1.304	4.29	0.25	3" NPT	15.07	11.65	5.83	1.188"	T
V1-40D4-W32416A	40	1770	324TP	18.9	13.5	14.75	33	16.50	0.69	1	1/4-20	2	28	1.366	4.5	0.25	3" NPT	15.90	12.56	5.83	1.25"	T
V1-40D4-W32416B	40	1770	324TP	18.9	13.5	14.75	33	16.50	0.69	1.188	1/4-20	2	28	1.304	4.5	0.25	3" NPT	15.90	12.56	5.83	1.188"	T
V1-40S4-W32416A	40	1770	324TP	18.9	13.5	14.75	33	16.50	0.69	1	1/4-20	2	28	1.366	4.5	0.25	3" NPT	15.90	12.56	5.83	1.25"	T
V1-50D4-W32616A	50	1770	326TP	18.9	13.5	14.75	33	16.50	0.69	1	1/4-20	2	28	1.366	4.5	0.25	3" NPT	15.90	12.56	5.83	1.25"	T
V1-50D4-W32616B	50	1770	326TP	18.9	13.5	14.75	33	16.50	0.69	1.188	1/4-20	2	28	1.304	4.5	0.25	3" NPT	15.90	12.56	5.83	1.188"	T
V1-50S4-W32616A	50	1770	326TP	18.9	13.5	14.75	33	16.50	0.69	1	1/4-20	2	28	1.366	4.5	0.25	3" NPT	15.90	12.56	5.83	1.25"	T
V1-60D4-W36416A	60	1770	364TP	21.0	13.5	14.75	37	16.50	0.69	1	1/4-20	2	31	1.366	6	0.25	3" NPT	17.00	13.58	5.83	1.25"	T
V1-60D4-W36416B	60	1770	364TP	21.0	13.5	14.75	37	16.50	0.69	1.188	1/4-20	2	31	1.304	6	0.25	3" NPT	17.00	13.58	5.83	1.188"	T
V1-60S4-W36416A	60	1770	364TP	21.0	13.5	14.75	37	16.50	0.69	1	1/4-20	2	31	1.366	6	0.25	3" NPT	17.00	13.58	5.83	1.25"	T
V1-60S4-W36416B	60	1770	364TP	21.0	13.5	14.75	37	16.50	0.69	1.188	1/4-20	2	31	1.366	6	0.25	3" NPT	17.00	13.58	5.83	1.188"	T
V1-75D4-W36516A	75	1770	365TP	21.0	13.5	14.75	37	16.50	0.69	1	1/4-20	2	31	1.366	6	0.25	3" NPT	17.00	13.58	5.83	1.25"	T
V1-75D4-W36516B	75	1770	365TP	21.0	13.5	14.75	37	16.50	0.69	1.188	1/4-20	2	31	1.304	6	0.25	3" NPT	17.00	13.58	5.83	1.188"	T
V1-75S4-W36516A	75	1770	365TP	21.0	13.5	14.75	37	16.50	0.69	1	1/4-20	2	31	1.366	6	0.25	3" NPT	17.00	13.58	5.83	1.25"	T
V1-100D4-W40416A	100	1770	404TP	23.3	13.5	14.75	43	16.50	0.69	2	1/4-20	2	37	1.706	6.46	0.375	3" NPT	20.70	16.18	7.56	1.5"	T
V1-100D4-W40416B	100	1770	404TP	23.3	13.5	14.75	43	16.50	0.69	1.188	1/4-20	2	37	1.304	6.46	0.25	3" NPT	20.70	16.18	7.56	1.188"	T
V1-100S4-W40416A	100	1770	404TP	23.3	13.5	14.75	43	16.50	0.69	2	1/4-20	2	37	1.706	6.46	0.375	3" NPT	20.70	16.18	7.56	1.5"	T
V1-100S4-W40416A-EHT	100	1770	404TP	23.3	13.5	14.75	43	16.50	0.69	2	1/4-20	2	37	1.706	6.46	0.375	3" NPT	20.70	16.18	7.56	1.5"	T
V1-125S4-W40516A	125	1780	405TP	23.3	13.5	14.75	43	16.50	0.69	2	1/4-20	2	37	1.706	6.46	0.375	3" NPT	20.70	16.18	7.56	1.5"	T
V1-125S4-W40516A-EHT	125	1780	405TP	23.3	13.5	14.75	43	16.50	0.69	2	1/4-20	2	37	1.706	6.46	0.375	3" NPT	20.70	16.18	7.56	1.5"	T
V1-150S4-W4416A	150	1780	444TP	23.3	13.5	14.75	50	16.50	0.69	2	1/4-20	3	45	1.854	5.4	0.375	3" NPT	20.70	16.18	7.56	1.69"	T
V1-150S4-W4416A-EHT	150	1780	444TP	23.3	13.5	14.75	50	16.50	0.69	2	1/4-20	3	45	1.854	5.4	0.375	3" NPT	20.70	16.18	7.56	1.69"	T
V1-200S4-W44516A	200	1780	445TP	23.3	13.5	14.75	50	16.50	0.69	2	1/4-20	3	45	1.854	5.4	0.375	3" NPT	20.70	16.18	7.56	1.69"	T
V1-200S4-W44516A-EHT	200	1780	445TP	23.3	13.5	14.75	50	16.50	0.69	2	1/4-20	3	45	1.854	5.4	0.375	3" NPT	20.70	16.18	7.56	1.69"	T
V1-250S4-W44516A	250	1780	445TP	23.3	13.5	14.75	50	16.50	0.69	1.938	1/4-20	3	45	2.160	5.4	0.508	3" NPT	20.70	16.18	7.56	1.938"	T
V1-250S4-W44516A-EHT	250	1780	445TP	23.3	13.5	14.75	50	16.50	0.69	1.938	1/4-20	3	45	2.160	5.4	0.508	3" NPT	20.70	16.18	7.56	1.938"	T
V1-300S4-W500624A-EHT	300	1780	5006P	29.0	13.5	14.75	58	24.50	0.69	2	1/4-20	3	50	1.854	8.1	0.375	3" NPT	27.38	22.24	7.87	1.69"	T
V1-350S4-W500624A-EHT	350	1780	5006P	29.0	13.5	14.75	58	24.50	0.69	2	1/4-20	3	50	1.854	8.1	0.375	3" NPT	27.38	22.24	7.87	1.69"	T
V1-400S4-W500824A-EHT	400	1780	5008P	29.0	13.5	14.75	62	24.50	0.69	1.937	1/4-20	3	54	2.161	8.1	0.5	3" NPT	27.38	22.24	7.87	1.938"	T
V1-450S4-W500824A-EHT	450	1780	5008P	29.0	13.5	14.75	62	24.50	0.69	2.188	3/8-16	3	54	2.409	8.1	0.5	3" NPT	27.38	22.24	7.87	2.188"	T
V1-500S4-W500824A-EHT	500	1780	5008P	29.0	13.5	14.75	62	24.50	0.69	2.188	3/8-16	3	54	2.409	8.1	0.5	3" NPT	27.38	22.24	7.87	2.188"	T

Dimensions—VHS

V2 Series

10 HP—500 HP

VERTICAL HOLLOW SHAFT

INVERTER DUTY (20:1 VT)

HIGH/EXTRA HIGH THRUST DESIGN
215TP—5008P FRAME
THREE-PHASE
V2 SERIES

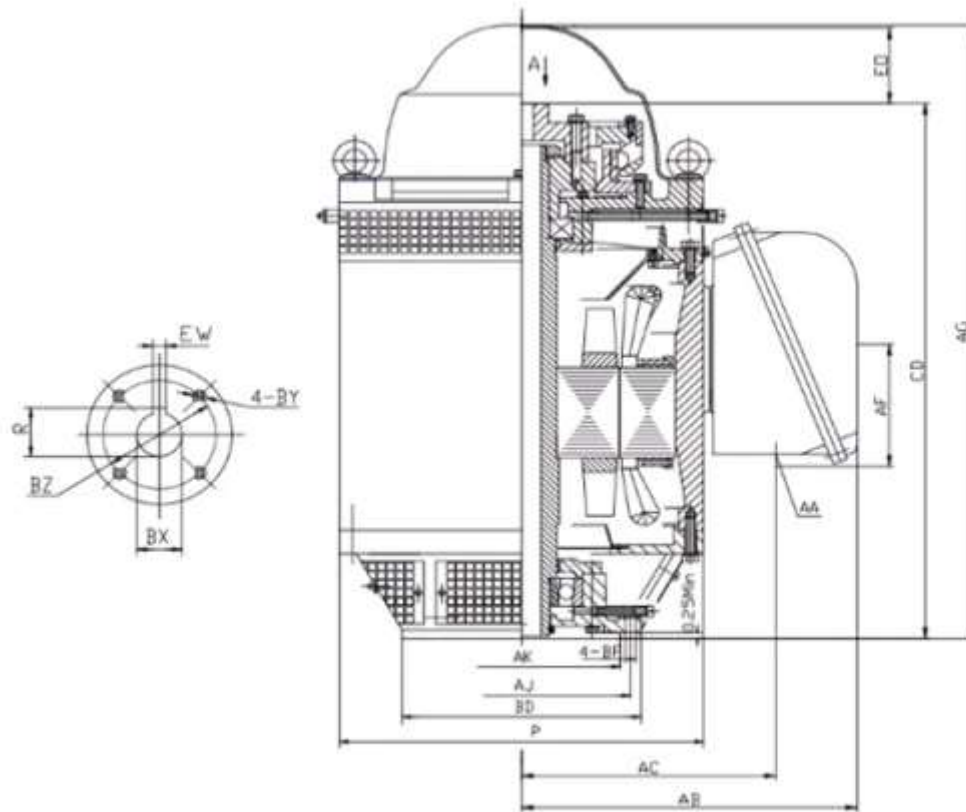


Diagram T

Model Number	HP	RPM	Frame	Mounting Dimensions																Mount / Coupling	Diagram	
				P	AK	AJ	AG	BD	N*BF	BX	BY	BZ	CD	R	EO	EW	AA	AB	AC			AF
V2-10D4-W21510A	10	1750	215TP	15.2	8.3	9.13	22	10.00	0.44	1	10-32	1	18	1.114	4.06	0.25	1" NPT	14.06	10.6	5.83	1.0"	T
V2-15D4-W25410A	15	1770	254TP	17.3	8.3	9.13	28	10.00	0.44	1	10-32	1	23	1.114	4.29	0.25	3" NPT	15.07	11.65	5.83	1.0"	T
V2-20D4-W25610A	20	1770	256TP	17.3	8.3	9.13	28	10.00	0.44	1	10-32	1	23	1.114	4.29	0.25	3" NPT	15.07	11.65	5.83	1.0"	T
V2-25D4-W28410A	25	1770	284TP	17.3	8.3	9.13	29	10.00	0.44	1	10-32	1	25	1.114	4.29	0.25	3" NPT	15.07	11.65	5.83	1.0"	T
V2-25D4-W28410B	25	1770	284TP	17.3	8.3	9.13	29	10.00	0.44	1.188	1/4-20	2	25	1.304	4.29	0.25	3" NPT	15.07	11.65	5.83	1.188"	T
V2-30D4-W28610A	30	1770	286TP	17.3	8.3	9.13	29	10.00	0.44	1	10-32	1	25	1.114	4.29	0.25	3" NPT	15.07	11.65	5.83	1.0"	T
V2-30D4-W28610B	30	1770	286TP	17.3	8.3	9.13	29	10.00	0.44	1.188	1/4-20	2	25	1.304	4.29	0.25	3" NPT	15.07	11.65	5.83	1.188"	T
V2-40D4-W32416A	40	1770	324TP	18.9	13.5	14.75	33	16.50	0.69	1	1/4-20	2	28	1.366	4.5	0.25	3" NPT	15.90	12.56	5.83	1.25"	T
V2-40D4-W32416B	40	1770	324TP	18.9	13.5	14.75	33	16.50	0.69	1.188	1/4-20	2	28	1.304	4.5	0.25	3" NPT	15.90	12.56	5.83	1.188"	T
V2-40S4-W32416A	40	1770	324TP	18.9	13.5	14.75	33	16.50	0.69	1	1/4-20	2	28	1.366	4.5	0.25	3" NPT	15.90	12.56	5.83	1.25"	T
V2-50D4-W32616A	50	1770	326TP	18.9	13.5	14.75	33	16.50	0.69	1	1/4-20	2	28	1.366	4.5	0.25	3" NPT	15.90	12.56	5.83	1.25"	T
V2-50D4-W32616B	50	1770	326TP	18.9	13.5	14.75	33	16.50	0.69	1.188	1/4-20	2	28	1.304	4.5	0.25	3" NPT	15.90	12.56	5.83	1.188"	T
V2-50S4-W32616A	50	1770	326TP	18.9	13.5	14.75	33	16.50	0.69	1	1/4-20	2	28	1.366	4.5	0.25	3" NPT	15.90	12.56	5.83	1.25"	T
V2-60D4-W36416A	60	1770	364TP	21.0	13.5	14.75	37	16.50	0.69	1	1/4-20	2	31	1.366	6	0.25	3" NPT	17.00	13.58	5.83	1.25"	T
V2-60D4-W36416B	60	1770	364TP	21.0	13.5	14.75	37	16.50	0.69	1.188	1/4-20	2	31	1.304	6	0.25	3" NPT	17.00	13.58	5.83	1.188"	T
V2-60S4-W36416A	60	1770	364TP	21.0	13.5	14.75	37	16.50	0.69	1	1/4-20	2	31	1.366	6	0.25	3" NPT	17.00	13.58	5.83	1.25"	T
V2-60S4-W36416B	60	1770	364TP	21.0	13.5	14.75	37	16.50	0.69	1.188	1/4-20	2	31	1.304	6	0.25	3" NPT	17.00	13.58	5.83	1.188"	T
V2-75D4-W36516A	75	1770	365TP	21.0	13.5	14.75	37	16.50	0.69	1	1/4-20	2	31	1.366	6	0.25	3" NPT	17.00	13.58	5.83	1.25"	T
V2-75D4-W36516B	75	1770	365TP	21.0	13.5	14.75	37	16.50	0.69	1.188	1/4-20	2	31	1.304	6	0.25	3" NPT	17.00	13.58	5.83	1.188"	T
V2-75S4-W36516A	75	1770	365TP	21.0	13.5	14.75	37	16.50	0.69	1	1/4-20	2	31	1.366	6	0.25	3" NPT	17.00	13.58	5.83	1.25"	T
V2-100D4-W40416A	100	1770	404TP	23.3	13.5	14.75	43	16.50	0.69	2	1/4-20	2	37	1.706	6.46	0.375	3" NPT	20.70	16.18	7.56	1.5"	T
V2-100D4-W40416B	100	1770	404TP	23.3	13.5	14.75	43	16.50	0.69	1.188	1/4-20	2	37	1.304	6.46	0.25	3" NPT	20.70	16.18	7.56	1.188"	T
V2-100S4-W40416A	100	1770	404TP	23.3	13.5	14.75	43	16.50	0.69	2	1/4-20	2	37	1.706	6.46	0.375	3" NPT	20.70	16.18	7.56	1.5"	T
V2-100S4-W40416A-EHT	100	1770	404TP	23.3	13.5	14.75	43	16.50	0.69	2	1/4-20	2	37	1.706	6.46	0.375	3" NPT	20.70	16.18	7.56	1.5"	T
V2-125S4-W40516A	125	1780	405TP	23.3	13.5	14.75	43	16.50	0.69	2	1/4-20	2	37	1.706	6.46	0.375	3" NPT	20.70	16.18	7.56	1.5"	T
V2-125S4-W40516A-EHT	125	1780	405TP	23.3	13.5	14.75	43	16.50	0.69	2	1/4-20	2	37	1.706	6.46	0.375	3" NPT	20.70	16.18	7.56	1.5"	T
V2-150S4-W44416A	150	1780	444TP	23.3	13.5	14.75	50	16.50	0.69	2	1/4-20	3	45	1.854	5.4	0.375	3" NPT	20.70	16.18	7.56	1.69"	T
V2-150S4-W44416A-EHT	150	1780	444TP	23.3	13.5	14.75	50	16.50	0.69	2	1/4-20	3	45	1.854	5.4	0.375	3" NPT	20.70	16.18	7.56	1.69"	T
V2-200S4-W44516A	200	1780	445TP	23.3	13.5	14.75	50	16.50	0.69	2	1/4-20	3	45	1.854	5.4	0.375	3" NPT	20.70	16.18	7.56	1.69"	T
V2-200S4-W44516A-EHT	200	1780	445TP	23.3	13.5	14.75	50	16.50	0.69	2	1/4-20	3	45	1.854	5.4	0.375	3" NPT	20.70	16.18	7.56	1.69"	T
V2-250S4-W44516A	250	1780	445TP	23.3	13.5	14.75	50	16.50	0.69	1.938	1/4-20	3	45	2.160	5.4	0.508	3" NPT	20.70	16.18	7.56	1.938"	T
V2-250S4-W44516A-EHT	250	1780	445TP	23.3	13.5	14.75	50	16.50	0.69	1.938	1/4-20	3	45	2.160	5.4	0.508	3" NPT	20.70	16.18	7.56	1.938"	T
V2-300S4-W500624A-EHT	300	1780	5006P	29.0	13.5	14.75	58	24.50	0.69	2	1/4-20	3	50	1.854	8.1	0.375	3" NPT	27.38	22.24	7.87	1.69"	T
V2-350S4-W500624A-EHT	350	1780	5006P	29.0	13.5	14.75	58	24.50	0.69	2	1/4-20	3	50	1.854	8.1	0.375	3" NPT	27.38	22.24	7.87	1.69"	T
V2-400S4-W500824A-EHT	400	1780	5008P	29.0	13.5	14.75	62	24.50	0.69	1.937	1/4-20	3	54	2.161	8.1	0.5	3" NPT	27.38	22.24	7.87	1.938"	T
V2-450S4-W500824A-EHT	450	1780	5008P	29.0	13.5	14.75	62	24.50	0.69	2.188	3/8-16	3	54	2.409	8.1	0.5	3" NPT	27.38	22.24	7.87	2.188"	T
V2-500S4-W500824A-EHT	500	1780	5008P	29.0	13.5	14.75	62	24.50	0.69	2.188	3/8-16	3	54	2.409	8.1	0.5	3" NPT	27.38	22.24	7.87	2.188"	T

MOTOR WARRANTY POLICY & PROCEDURES NO-FAULT WARRANTY POLICY

Motors with frame sizes 215T and smaller are covered under our “No-Fault Warranty”. The warranty period is 24 months from the date of invoice. This special limited warranty is offered one time per end-user, per application. If there is more than one failure, please follow our standard limited warranty policy and procedure and contact our warranty department for assistance. For information regarding this warranty policy you may contact our customer service department at (800)884-0404 or visit our website at www.naemotors.com.

North American Electric’s liability under this warranty or any other warranty, expressed or implied, in law or fact, shall be limited to the replacement of the motor, and in no event shall North American Electric, Inc. be liable for consequential or indirect damages, including freight.

When filing a claim under our “No Fault Warranty”, you must provide the following documentation to ensure your claim is processed in a timely manner.

- Original nameplate from the failed motor
- Copy of the original North American Electric, Inc. invoice or the invoice number for the failed motor
- A brief description of the failure for quality control purposes

Note: Please make a legible photo copy of the nameplate from the failed motor for your records.

STANDARD LIMITED WARRANTY POLICY

General Purpose Cast Iron Motors (TEFC & ODP).....	36 months from date of invoice
General Purpose, Aluminum Motors.....	36 months from date of invoice
Rolled Steel Motors, Single Phase.....	24 months from date of invoice
Rolled Steel Motors, Three-Phase.....	36 months from date of invoice
Crusher Duty Motors.....	36 months from date of invoice
Stainless Steel Motors.....	24 months from date of invoice
Close Coupled Pump Motors.....	36 months from date of invoice
Explosion Proof Motors.....	24 months from date of invoice
Oil Well Pump Motors.....	36 months from date of invoice
Vertical Hollow Shaft Motors.....	24 months from date of invoice
Rotary Phase Converters.....	24 months from date of invoice
Shaft Mount Reducers.....	24 months from date of invoice
Motor Slide Bases.....	36 months from date of invoice

North American Electric, Inc. shall, at its option and expense, either repair or replace any such motor or part, which is defective within the warranty period. To be covered under warranty, any motor must have at all times been operated or used under normal operating conditions for which the motor was designed.

In the event of warranty claims, North American Electric, Inc. must be notified promptly following any motor failure. The motor should be sent to a North American Electric, Inc. authorized service center to diagnose cause of failure. After this examination, a determination will be made if the failure was due to defective material and/or workmanship. If the failure was due to defective material and/or workmanship, North American Electric, Inc. will replace or repair the motor. **DO NOT** repair any motor without a prior written purchase order from North American Electric, Inc.

North American Electric’s liability under this warranty or any other warranty, expressed or implied, in law or fact, shall be limited to the replacement of the motor, and in no event shall North American Electric, Inc. be liable for consequential or indirect damages, including freight.

When filing a claim under our standard Limited Warranty Policy, please be prepared to provide the following:

- 1) Serial Number
- 2) Model Number
- 3) EASA Report
- 4) Photographs showing the cause of failure
- 5) Estimated cost of repair
- 6) Nameplate (photo of nameplate for stainless steel/washdown duty motors) if motor is to be replaced.

For more information about warranty policies and procedures please contact our customer service department at (800) 884-0404, visit our website at www.naemotors.com or send us an email at sales@naemotors.com.



CONTINUING EDUCATION

North American Electric's continuing education courses were created with you in mind to provide information, tools, technical support, and training to sell, install, and support low voltage AC drives.

CONTINUING EDUCATION



NAE University offers professional, comprehensive, and educational programs including:

- Sales/Product Training
 - Electric Motors
 - Electric Motor Controls
- Motor Start Up / Basic Programming of Low Voltage AC Drives
- Maintenance and Troubleshooting Training
 - Electric Motors
 - Electric Motor Controls

We provide in depth, hands on training at our headquarters in Hernando, Mississippi. We also provide on-site training at your location as well as internet courses and webinars.

For more information, please visit our website at www.naemotors.com, or contact us at 800-884-0404.




NAE Motor Controls

 508A Certified



General Purpose Motors & More




North American Electric, Inc.

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