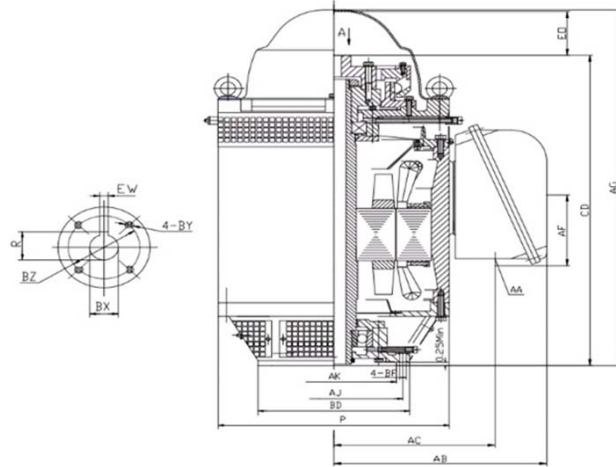




**NAE-VHS-25-4**

**VERTICAL HOLLOW SHAFT MOTOR  
 HIGH THRUST DESIGN  
 THREE PHASE, OPEN DRIP PROOF (WP1) ENCLOSURE  
 NON-REVERSE BALL BEARING RATCHET  
 COUPLING INCLUDED**



DIMENSIONS																
HP	RPM	Frame	MOUNTING DIMENSIONS													
			BD	AJ	AK	BF	BX	BZ	EW	R	BY	CD	E0 >	AC	AA	AF
25	1770	284TP	10.00	9.125	8.25	0.44	1.00	1.38	0.25	1.114	10-32	24.75	3.44	10.60	1.50	5.83

OVERALL DIMENSIONS			BEARINGS	
P	AB	AG	UPPER	BOTTOM
15.20	14.25	28.19	6212	7312B

**COUPLING:** Motor comes with a 1.0" coupling. You may select a different size coupling at no extra charge.

**BEARING LUBRICATION:** The bottom bearing comes lubricated with Mobile Polyrex EM Polyurea Grease.





## NAE-VHS-25-4

**VERTICAL HOLLOW SHAFT MOTOR  
HIGH THRUST DESIGN  
THREE PHASE, OPEN DRIP PROOF (WP1) ENCLOSURE  
NON-REVERSE BALL BEARING RATCHET**

### PERFORMANCE DATA

HP	RPM	Frame	Voltage	Frequency (Hz)	Full Load S.F.	Insulation Class	NEMA Design	Slip (%)	NEMA Code	Enclosure Type	IP Rating	Max. Ambient	Rating CONT
25	1770	284TP	230/460	60	1.15	F	B	1.7	C	WP1	23	40° C	S1

Amps (460V)		Efficiency (%)				Power Factor			Torque (ft-lb)			Down Thrust	Angular Contact Bearing	Radial Ball Bearing	Connection	Weight (lbs.)
FLA	LRA	100%	75%	50%	Min.	100%	75%	50%	FLT	LRT %	BDT %	3200	UPPER	BOTTOM	12 Lead 2Δ/Δ	463
31.0	193.3	88.0	87.3	86.8	86.0	0.86	0.85	0.76	100.3	244	203		6212	7312B		

### NAME PLATE

<b>VERTICAL HOLLOW SHAFT ELECTRIC MOTOR</b> INVERTER DUTY 10:1 VT; 5:1 CT <b>HIGH THRUST DESIGN</b>				<b>CONNECTION DIAGRAMS</b> <b>208 - 230V</b> 			
MODEL	NAE-VHS-25-4		PHASE	3	Hz	60	
HP	25	FRAME	284TP	VOLTS	230/460		
DESIGN	B	CODE	C	AMPS	62 / 31		
NOM EFF.	88.0	P.F.	0.86	INSULATION CLASS	F		
RATING CONT	S1	S.F.	1.15	MAX AMB.	40° C	WEIGHT	463 LBS.
DOWN THRUST	3200			ENCLOSURE TYPE	WP1		
UPPER BEARING	6212			BOTTOM BEARING	7312B		
LUBRICATION	MOBILE POLYREX EM			LUBRICATION	MOBILE POLYREX EM		
NON-REVERSE RATCHET - BALL TYPE				SERIAL NO.			
Specifically designed for use on deep well turbine pump applications. Hernando, Mississippi						PART WIND START CAPABLE @ 230V	

### APPLICATIONS:

Specifically designed for use on 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.