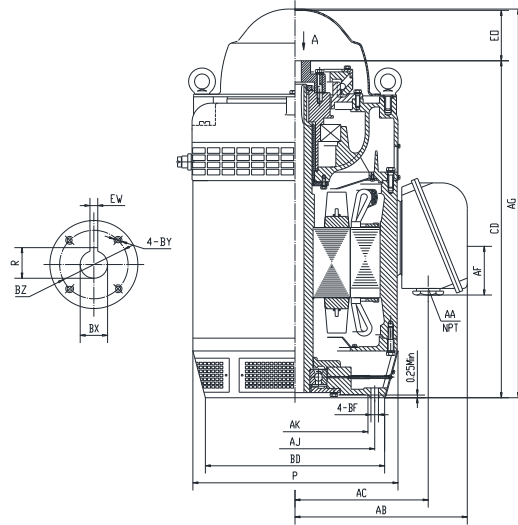




V2-125S4-W40516A-EHT

VERTICAL HOLLOW SHAFT MOTOR
NEMA PREMIUM EFFICIENCY
INVERTER DUTY 20:1 VT
INCLUDES INSULATED BEARING MOUNT - 40 HP AND ABOVE
EXTRA HIGH THRUST DESIGN
THREE PHASE, OPEN DRIP PROOF (WP1) ENCLOSURE
NON-REVERSE BALL TYPE RATCHET
COUPLING INCLUDED



DIMENSIONS

HP	RPM	Frame	MOUNTING DIMENSIONS													
			BD	AJ	AK	BF	BX	BZ	EW	R	BY	CD	E0 >	AC	AA	AF
125	1788	405TP	16.5	14.75	13.5	0.69	1-1/2	2.125	0.375	1.706	1/4-20	36.94	4.56	13.68	3	5.83

OVERALL DIMENSIONS			BEARINGS	
P	AB	AG	UPPER	LOWER
21	17.3	42.2	7230B/DT	6317

COUPLING: Motor comes with a 1.5" coupling. You may select a different size coupling at no extra charge.

BEARING LUBRICATION: The lower bearing comes lubricated with Mobil Polyrex EM Polyurea Grease.

OIL RESERVOIR: Motor is shipped without oil. The oil capacity is 4.5 quarts.

STEADY BUSHING: Motor is designed to accept a steady bushing. The bore size is 1-1/2 inches.





V2-125S4-W40516A-EHT



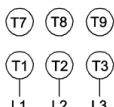




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NEMA PREMIUM EFFICIENCY
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INCLUDES INSULATED BEARING MOUNT - 40 HP AND ABOVE
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THREE PHASE, OPEN DRIP PROOF (WP1) ENCLOSURE
NON-REVERSE BALL TYPE RATCHET
COUPLING INCLUDED

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
125	1788	405TP	460	60	1.15	F	B	0.63	H	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 %	13400	UPPER	LOWER	6 Lead Δ	1513
139	1015	95.4	95.4	94.7	94.5	0.88	0.87	0.84	362	242	255		7230B/DT	6317		

NAME PLATE

 VERTICAL HOLLOW SHAFT EXTRA HIGH THRUST DESIGN												CONNECTION DIAGRAMS			
MODEL				V2-125S4-W40516A-EHT				FRAME		405TP		PWS Start 			
Hz		60		S.F.		1.15		ENCL		WP1		DESIGN		B	
HP		125		RPM		1788		INS		F		PHASE		3	
VOLTS		460		FLA		139		MAX.AMBIENT				40° C			
Enclosure		ODP		IP		23		RATING				CONTINUOUS			
NEMA CODE		H		P.F.		0.88		MOTOR WEIGHT		1513		LBS.			
NOM EFF		95.4		MIN EFF		94.5		CONNECTION				6 Lead Δ			
DOWN THRUST				13400				BASE DIAMETER		16.5		INCHES			
UPPER BEARING		7230B/DT		(X 2) EHT		LOWER BEARING		6317							
OIL CAP. UPPER BEARING		4.5		QTS.		LUBRICATION		MOBIL POLYREX EM							
NON-REVERSE RATCHET - BALL TYPE				SERIAL NO.											
Specifically designed for use on deep well turbine pump applications.								CC326B		PART WIND START CAPABLE @ 230V					
Hernando, Mississippi		ROTATION													
MOTOR IS SUITABLE FOR INVERTER RATED 20:1 VT															

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.