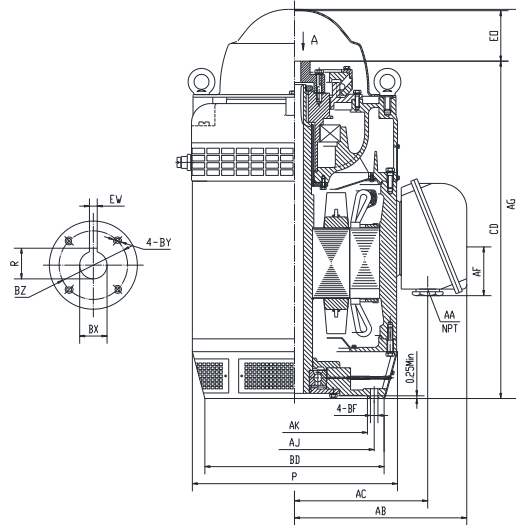




**V1-75D4-W36516A**

**VERTICAL HOLLOW SHAFT MOTOR**  
**NEMA PREMIUM EFFICIENCY**  
**INVERTER RATED 10:1 VT**  
**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
75	1785	365TP	16.5	14.75	13.5	0.69	1-1/4	1.75	0.25	1.366	1-4/20	31.16	4.56	12.56	3	5.83

OVERALL DIMENSIONS			BEARINGS	
P	AB	AG	UPPER	LOWER
19.1	16.32	36	7224B	6314

**COUPLING:** Motor comes with a 1.25" 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 1.94 quarts.

**STEADY BUSHING:** Motor is designed to accept a steady bushing. The bore size is 1-1/4 inches.





## V1-75D4-W36516A

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



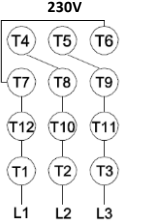



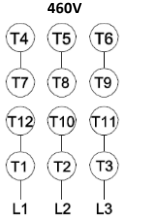

### PERFORMANCE DATA

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
75	1785	365TP	230/460	60	1.15	F	B	0.79	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 %	5600	UPPER	LOWER	12 Lead 2Δ/Δ	1053
85	665	95.0	94.7	93.5	94.1	0.87	0.85	0.79	217	235	270		7224B	6314		

### NAME PLATE

 <b>VERTICAL HOLLOW SHAFT HIGH THRUST DESIGN</b> 						CONNECTION DIAGRAMS		
MODEL V1-75D4-W36516A						FRAME 365TP		
Hz	60	S.F.	1.15	ENCL	WP1	DESIGN	B	
HP	75	RPM	1785	INS	F	PHASE	3	
VOLTS	230/460	FLA	170/85	MAX.AMBIENT 40° C				
Enclosure	ODP	IP	23	RATING CONTINUOUS				
NEMA CODE	H	P.F.	0.87	MOTOR WEIGHT 1053 LBS.				
NOM EFF	95.0	MIN EFF	94.1	CONNECTION 12 Lead 2Δ/Δ				
DOWN THRUST	5600		BASE DIAMETER 16.5		INCHES			
UPPER BEARING	7224B		LOWER BEARING 6314					
OIL CAP.	UPPER BEARING	1.94	QTS.	LUBRICATION MOBIL POLYREX EM				
NON-REVERSE RATCHET - BALL TYPE				SERIAL NO.				
Specifically designed for use on deep well turbine pump applications. Hernando, Mississippi						  		
ROTATION 						CC326B		
<b>MOTOR IS SUITABLE FOR INVERTER RATED 10:1 VT</b>								

### 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.