



V2-75D4-W36516B

VERTICAL HOLLOW SHAFT MOTOR

NEMA PREMIUM EFFICIENCY

INVERTER DUTY 20:1 VT

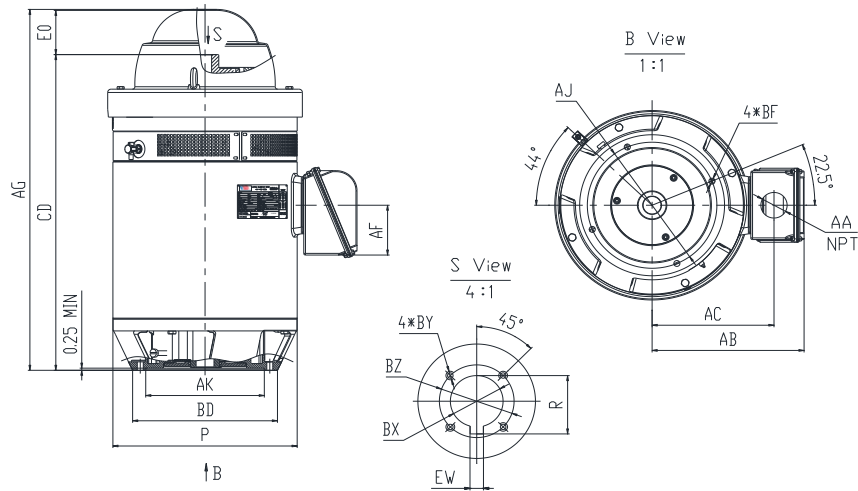
INCLUDES INSULATED BEARING MOUNT - 40 HP AND ABOVE

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	1787	365TP	16.5	14.75	13.5	0.69	1-3/16	1.75	0.25	1.304	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 1.188" 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 1-3/16 inches.

NEMA
Premium

CAUS



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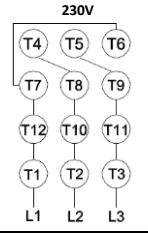
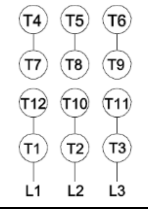


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PERFORMANCE DATA

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 (lbs.)	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

 VERTICAL HOLLOW SHAFT HIGH THRUST DESIGN 							CONNECTION DIAGRAMS			
MODEL V2-75D4-W36516B				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 LBS.		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				 E310089		CC082A		PART WIND START CAPABLE @ 230V		
				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.