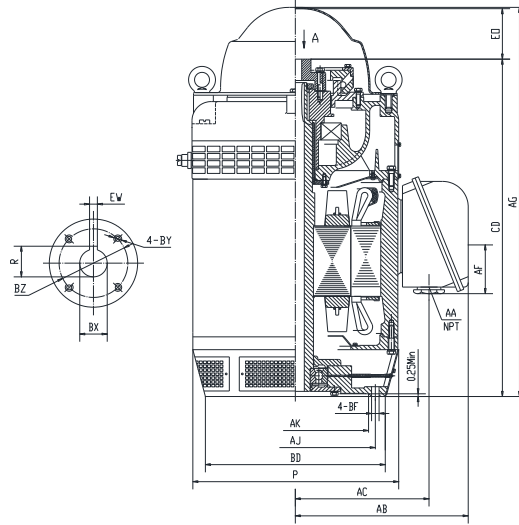




V1-40S4-W32416B

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
40	1784	324TP	16.5	14.75	13.5	0.69	1-3/16	1.75	0.25	1.304	1/4-20	28.22	4.22	11.65	3	5.83

OVERALL DIMENSIONS			BEARINGS	
P	AB	AG	UPPER	LOWER
17.32	15.44	32.7	7221B	6213

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 1.75 quarts.

STEADY BUSHING: Motor is designed to accept a steady bushing. The bore size is 1-3/16 inches.





V1-40S4-W32416B



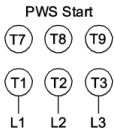
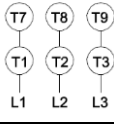
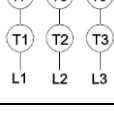




VERTICAL HOLLOW SHAFT MOTOR
NEMA PREMIUM EFFICIENCY
INVERTER RATED 10:1 VT
HIGH THRUST DESIGN
THREE PHASE, OPEN DRIP PROOF (WP1) ENCLOSURE
NON-REVERSE BALL TYPE RATCHET
COUPLING INCLUDED

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
40	1784	324TP	460	60	1.15	F	B	0.93	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 %		UPPER	LOWER	6 Lead Δ	780
46	333	94.1	93.9	92.8	93.0	0.87	0.84	0.77	116	211	250	5500	7221B	6213		

NAME PLATE

						VERTICAL HOLLOW SHAFT HIGH THRUST DESIGN									CONNECTION DIAGRAMS		
MODEL V1-40S4-W32416B						FRAME 324TP											
Hz	60	S.F.	1.15	ENCL	WP1	DESIGN	B										
HP	40	RPM	1784	INS	F	PHASE	3										
VOLTS	460	FLA	46	MAX.AMBIENT 40° C													
Enclosure	ODP	IP	23	RATING CONTINUOUS													
NEMA CODE	H	P.F.	0.87	MOTOR WEIGHT 780 LBS.													
NOM EFF	94.1	MIN EFF	93.0	CONNECTION 6 Lead Δ													
DOWN THRUST 5500			BASE DIAMETER 16.5 INCHES														
UPPER BEARING 7221B			LOWER BEARING 6213														
OIL CAP. UPPER BEARING 1.75 QTS.			LUBRICATION MOBIL 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		
						ROTATION 						CC326B			E310089		
MOTOR IS SUITABLE FOR INVERTER RATED 10:1 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.