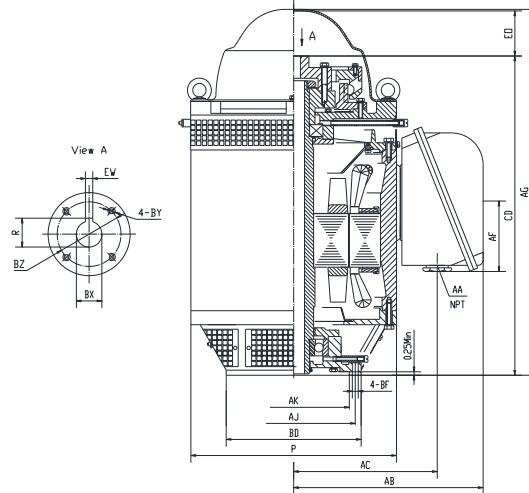




**V1-15D4-W25410A**

**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
15	1783	254TP	10	9.125	8.25	0.44	1	1.38	0.25	1.114	10-32	23.38	3.22	10.6	3	5.83

OVERALL DIMENSIONS			BEARINGS	
P	AB	AG	UPPER	LOWER
15.24	14.39	26.8	6212	7312B

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

**BEARING LUBRICATION:** The bearings come lubricated with Mobil Polyrex EM Polyurea Grease.

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





## V1-15D4-W25410A

**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**



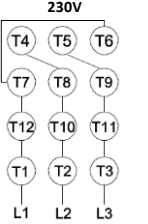





### PERFORMANCE DATA

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
15	1783	254TP	230/460	60	1.15	F	B	0.94	H	WP1	23	40° C	S1

Amps (460V)		Efficiency (%)				Power Factor			Torque (ft-lb)			Down Thrust	Radial Ball Bearing	Angular Contact Bearing	Connection	Weight (lbs.)
FLA	LRA	100%	75%	50%	Min.	100%	75%	50%	FLT	LRT %	BDT %	3200	UPPER	LOWER	12 Lead 2Δ/Δ	493
17.3	133	93.0	92.5	91.1	91.7	0.86	0.81	0.71	43	226	260		6212	7312B		

### NAME PLATE

 <b>VERTICAL HOLLOW SHAFT HIGH THRUST DESIGN</b> 						CONNECTION DIAGRAMS			
MODEL V1-15D4-W25410A						FRAME 254TP			
Hz	60	S.F.	1.15	ENCL	WP1	DESIGN	B		
HP	15	RPM	1783	INS	F	PHASE	3		
VOLTS	230/460	FLA	34.6/17.3	MAX.AMBIENT		40° C			
Enclosure	ODP	IP	23	RATING		CONTINUOUS			
NEMA CODE	H	P.F.	0.86	MOTOR WEIGHT		493	LBS.		
NOM EFF	93.0	MIN EFF	91.7	CONNECTION		12 Lead 2Δ/Δ			
DOWN THRUST		3200		BASE DIAMETER		10	INCHES		
UPPER BEARING		6212		LOWER BEARING		7312B			
LUBRICATION		MOBIL POLYREX EM		LUBRICATION		MOBIL POLYREX EM			
NON-REVERSE RATCHET - BALL TYPE		SERIAL NO.							
Specifically designed for use on deep well turbine pump applications. Hernando, Mississippi									
ROTATION								PART WIND START CAPABLE @ 230V	
<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.