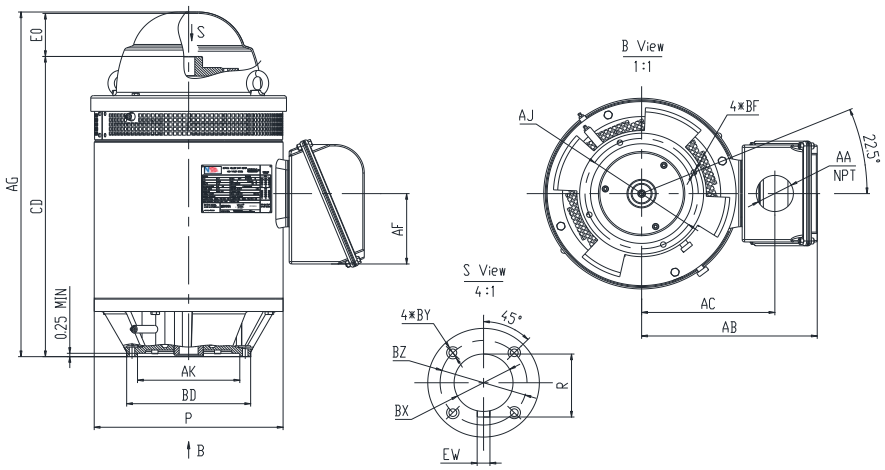
North American Electric

V2-30D4-W28610A

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
30	1785	286TP	10	9.125	8.25	0.44	1	1.38	0.25	1.114	10-32	24.75	3.22	10.6	3	5.83

OVERALL DIMENSIONS			BEARINGS	
P	AB	AG	UPPER	LOWER
15.24	14.17	28.2	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 comes lubricated with Mobil Polyrex EM Polyurea Grease.
STEADY BUSHING: Motor is designed to accept a steady bushing. The bore size is 1 inches.

ISO9001 CERTIFIED

NEMA Premium

c UL us

PO Box 130 350 Vaiden Drive Hernando, MS 38632-0130
Phone: 662-429-8049 Fax: 662-429-8546 Toll Free: 800-884-0404 www.naemotors.com

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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
30	1780	286TP	230/460	60	1.15	F	B	1.15	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 %		UPPER	LOWER		
34.1	246	94.1	93.9	92.9	93.0	0.86	0.83	0.74	85	236	275	3200	6212	7312B	12 Lead 2△/△	572

NAME PLATE

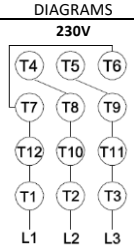
North American Electric

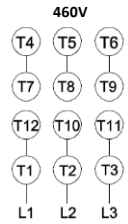
VERTICAL HOLLOW SHAFT
HIGH THRUST DESIGN

NEMA Premium

MODEL	V2-30D4-W28610A				FRAME	286TP	
Hz	60	S.F.	1.15	ENCL	WP1	DESIGN	B
HP	30	RPM	1780	INS	F	PHASE	3
VOLTS	230/460	FLA	68.2/34.1	MAX.AMBIENT		40° C	
Enclosure	ODP	IP	23	RATING		CONTINUOUS	
NEMA CODE	H	P.F.	0.86	MOTOR WEIGHT		572	LBS.
NOM EFF	94.1	MIN EFF	93.0	CONNECTION		12 Lead 2△/△	
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.			

CONNECTION DIAGRAMS





Specifically designed for use on deep well turbine pump applications.

Hernando, Mississippi

ISO9001 CERTIFIED

c UL us E310089

CC082A

ROTATION

PART WIND START CAPABLE @ 230V

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.

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