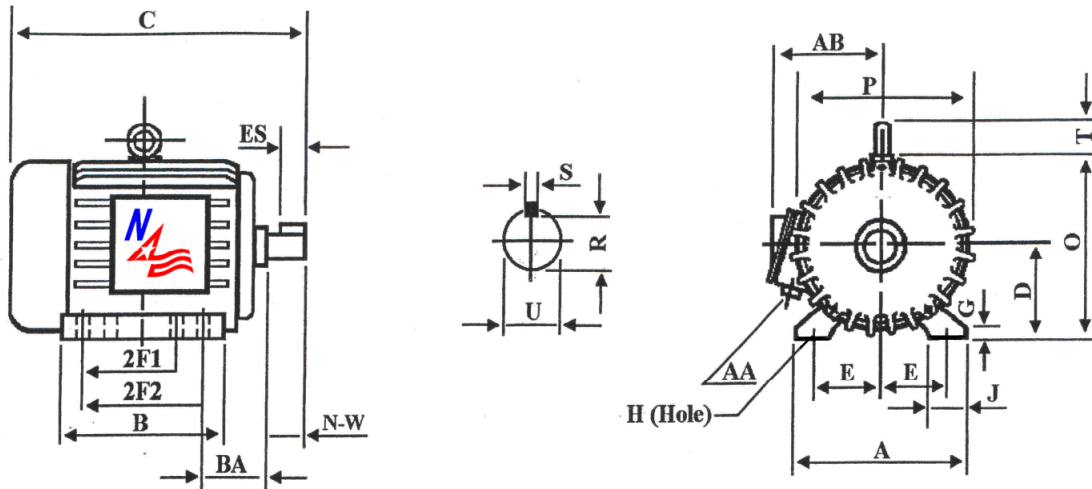


# OWP1250

## Special Purpose Oil Well Pump Motor

NEMA DESIGN D - THREE PHASE - HIGH TORQUE/HIGH SLIP (5-8%)



### DIMENSIONS – INCHES

A	B	C	D	E	2F1	2F2	G	H	J	O
20	17.8	40	10	8	12.25	13.75	1.18	0.81	3.15	20.2
P	R	S	T	U	ES	AA	AB	BA	N-W	Mount
19.2	2.45	0.75	2.91	2.875	5.65	3	18.5	6.62	7.25	F2

### PERFORMANCE DATA

Three Phase – 60Hz - 230/460/796V – NEMA Design D -

HP	Speed	Frame	NEMA Code	Efficiency (%)			Power Factor			Torque (ft-lb)		
				100%	75%	50%	100%	75%	50%	FLT	BDT	LRT
50	1110	404T	G	87.4	89.6	90.5	.880	0.853	0.771	236.58	593.82	742.86
Amps ( 460V)		DE Bearing	ODE Bearing	Insulation Class	Enclosure Type	Service Factor	Weight (lbs)					
FLA	LRA											
60.4	371.0	6316	6314	F	TEFC	1.15	902					



North American Electric, Inc. 350 Vaiden Drive, Hernando, MS 38632

Toll Free: 1-800-884-0405 Phone: 662-429-8049 Fax: 662-429-8546

[www.naemotors.com](http://www.naemotors.com)

**60 Hz DATA FOR 3 PHASE AC INDUCTION MOTOR AS IT APPEARS ON THE NAMEPLATE.**

## **OWP1250**

<b>CAT. NO: OWP1250</b>		<b>HP: 50</b>		<b>RATING: CONT.</b>	
<b>FRAME: 404T</b>		<b>RPM: 1110</b>		<b>Hz: 60</b>	<b>PHASE: 3</b>
<b>VOLTAGE: 230/460/796V</b>			<b>DESIGN: D</b>	<b>P.F.: 0.880</b>	
<b>AMP: 120.8/60.4/34.9</b>			<b>NEMA NOM. EFF.: 87.4%</b>		
<b>DRIVE END BRG: 6316</b>		<b>CODE: G</b>	<b>NEMA MIN. EFF.:</b>		
<b>OPP/END BRG: 6314</b>		<b>S.F.: 1.15</b>	<b>INS CLASS: F</b>		
<b>MAX. AMB: 40° C</b>		<b>ENCL: TEFC</b>			
<b>MOTOR WEIGHT: 902LBS</b>					

**Note: F.L. = Full Load P.F. = Power Factor S.F. = Service Factor**