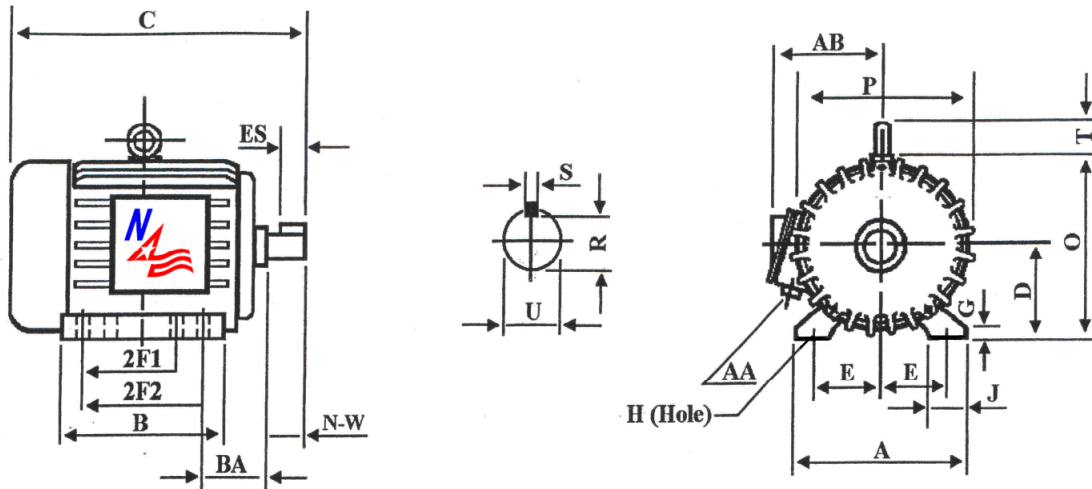


# OWP12100

## 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
22	20.5	47.3	11	9	14.5	16.5	1.38	0.81	3.35	21.8
P	R	S	T	U	ES	AA	AB	BA	N-W	Mount
21.6	2.88	0.875	4.25	3.375	6.91	3	19.5	7.5	8.5	F2

### PERFORMANCE DATA

Three Phase – 60Hz - 230/460/796V – NEMA Design D - Max. Ambient: 40° C

HP	Speed	Frame	NEMA Code	Efficiency (%)			Power Factor			Torque (ft-lb)		
				100%	75%	50%	100%	75%	50%	FLT	BDT	LRT
100	1125	445T	H	89.6	90.2	90.8	0.871	0.797	0.687	466.84	1405.19	1717.97
Amps (460V)		DE Bearing	ODE Bearing	Insulation Class	Enclosure Type	Service Factor	Weight (lbs)					
FLA	LRA											
120.6	860.8	6318	6314	F	TEFC	1.15	1841					



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

## **OWP12100**

<b>CAT. NO: OWP12100</b>		<b>HP: 100</b>		<b>RATING: CONT.</b>	
<b>FRAME: 445T</b>		<b>RPM: 1125</b>		<b>Hz: 60</b>	<b>PHASE: 3</b>
<b>VOLTAGE: 230/460/796V</b>			<b>DESIGN: D</b>	<b>P.F.: 0.871</b>	
<b>AMP: 241.2/120.6/69.6</b>			<b>NEMA NOM. EFF.: 89.6%</b>		
<b>DRIVE END BRG: 6318</b>		<b>CODE: H</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: 1841LBS</b>					

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



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