



OWP447T-125-6

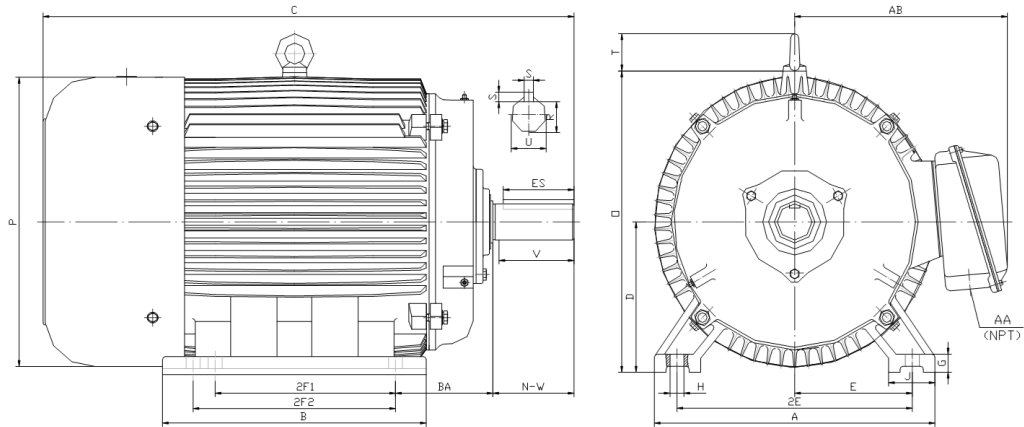
OIL WELL PUMP MOTOR

HIGH TORQUE / HIGH SLIP (5 - 8%)

TOTALLY ENCLOSED FAN COOLED

INVERTER DUTY 10:1 CONSTANT TORQUE - NEMA MG1 PART 31

Factory Certified for T2B Class I, Division II, Groups A,B,C & D and Class II, Division II, Groups F & G



DIMENSIONS

HP	RPM	Frame	MOUNTING														
			A	B	C	D	G	H	J	E	2E	2F1	2F2	O	P	T	BA
125	1200	447T	21.7	26.4	47.8	11	1.35	0.81	3.35	9	18	16.5	20	23	23.4	3	7.5

Shaft Extension, Key Set						Conduit Box		Bearings		Mount
U	V	R	S	ES	N-W	AA	AB	DE	ODE	
3.375	8.25	2.88	0.875	6.91	8.5	3	19	NU319	6318	F2

BEARING LUBRICATION: The bearings come lubricated with Mobil Polyrex EM Polyurea Grease. It is recommended that you add some additional lubrication when the motor is installed.

Three options (brands) for suitable lubrication include, but are not limited to, the following:

- 1.) Mobil Polyrex EM
- 2.) Citco Polyurea MP
- 3.) Conoco Phillips Polytac EP





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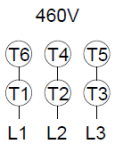
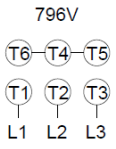



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PERFORMANCE DATA

HP	RPM	Frame	Voltage	Frequency (Hz)	Full Load S.F.	Insulation Class	NEMA Design	Slip (%)	NEMA Code	Enclosure Type	IP Rating	Max. Ambient
125	1140	447T	460/796	60	1.15	F	D	5.0	G	TEFC	55	40 °C

Amps (460V)		Efficiency (%)			Power Factor			Torque (ft-lb)			DE Bearing	ODE Bearing	Connection	Weight (lbs.)
FLA	LRA	100%	75%	50%	100%	75%	50%	FLT	LRT %	BDT %	NU319	6318	6 Lead Δ/Y	1850
147	907	92.5	92.5	93.0	0.88	0.82	0.70	575	275	300				

NAME PLATE

		OIL WELL PUMP MOTOR AC INDUCTION MOTOR INVERTER DUTY 20:1 VT; 10:1 CT					
TYPE	TEFC	MODEL	OWP447T-125-6	S.F.	1.15	460V 	
HP	125	FRAME	447T	EFF	92.5		
RPM	1140	VOLTS	460/796	P.F.	0.88		
INS	F	AMPS	147/84.9	CODE	G		
PH	3	MAX AMB	40 °C	DE BRG	NU319		
HZ	60	S/N		ODE BRG	6318		
WT/LBS	1850	DESIGN	D	CONNECTION	6 Lead Δ/Y	796V 	
Thermo-protection 155°C (PT1,PT2)			LUB Mobil Polyrex EM				
Designed Specifically for use on Oil Well Pumping Units Hernando, Mississippi							
							

APPLICATIONS:

Designed Specifically for use on Oil Well Pumping Units. Suitable for use on Variable Frequency Drives (VFDs).