



## OWP184T-2-8

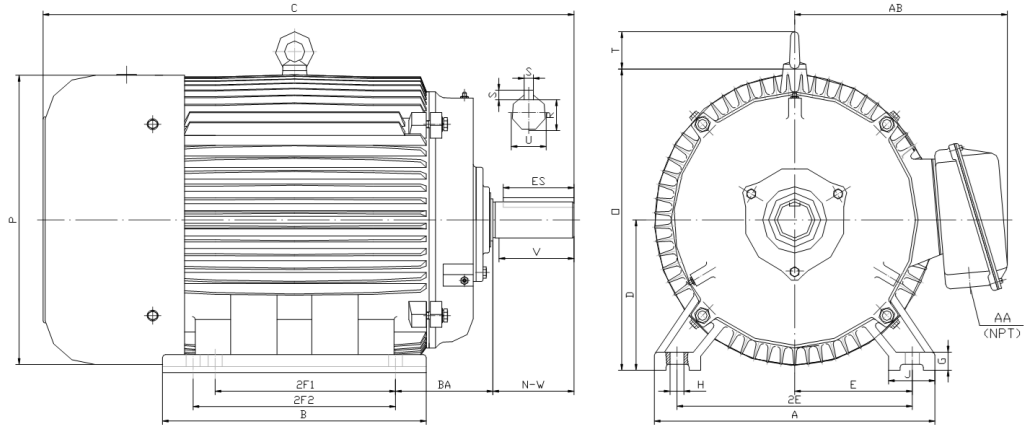
**OIL WELL PUMP MOTOR**

**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
2	900	184T	9.5	7.3	16.1	4.5	0.6	0.41	2	3.75	7.5	4.5	5.5	9.1	8.7	1.6	2.75

Shaft Extension, Key Set						Conduit Box		Bearings		Mount
U	V	R	S	ES	N-W	AA	AB	DE	ODE	
1.125	2.5	0.986	0.25	1.78	2.75	0.75	7.5	6306-ZZ	6306-ZZ	F2

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



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**AC-DC MOTORS :: SALES & SERVICE  
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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
2	850	184T	230/460/796	60	1.15	F	D	5.6	L	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 %				
4.2	25	75.0	74.0	70.0	0.60	0.50	0.40	12.6	275	290	6306-ZZ	6306-ZZ	12 Lead 2Δ/Δ/Y	83

### NAME PLATE

TYPE		TEFC	MODEL	OWP184T-2-8	S.F.	1.15	
HP	2	FRAME	184T	EFF	75.0		
RPM	850	VOLTS	230/460/796	P.F.	0.60		
INS	F	AMPS	8.4/4.2/2.4	CODE	L		
PH	3	MAX AMB	40 °C	DE BRG	6306-ZZ		
HZ	60	S/N		ODE BRG	6306-ZZ		
WT/LBS	83	DESIGN	D	CONNECTION	12 Lead 2Δ/Δ/Y		
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).



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