



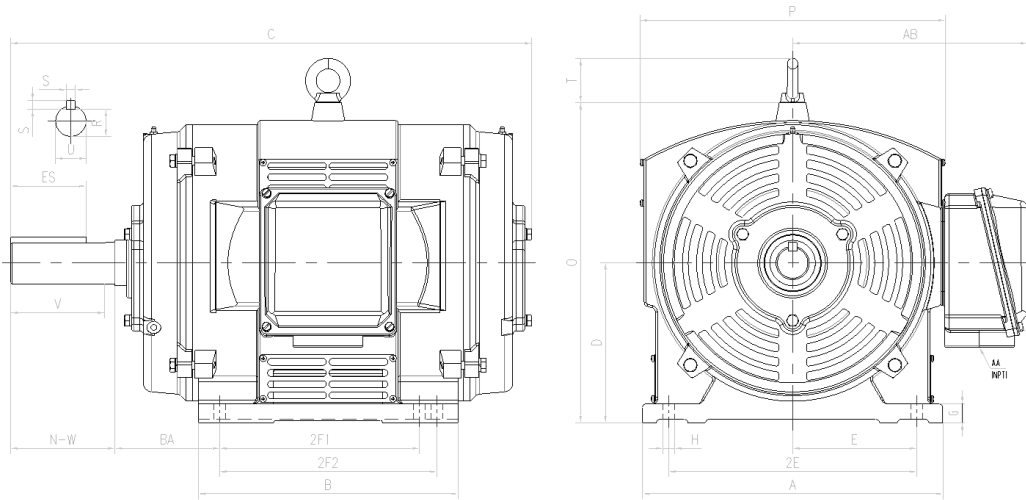
OWP286T-20-6-ODP

OIL WELL PUMP MOTOR

HIGH TORQUE / HIGH SLIP (5 - 8%)

OPEN DRIP PROOF

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



DIMENSIONS

HP	RPM	Frame	MOUNTING														
			A	B	C	D	G	H	J	E	2E	2F1	2F2	O	P	T	BA
20	1200	286T	13	12.8	24.8	7	0.7	0.53	NA	5.5	11	9.5	11	14.3	13.95	2.2	4.75

Shaft Extension, Key Set						Conduit Box		Bearings		Mount
U	V	R	S	ES	N-W	AA	AB	DE	ODE	
1.875	4.38	1.591	0.5	3.28	4.62	1.5	10.1	6311	6311	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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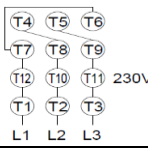
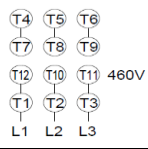
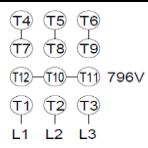



INVERTER DUTY 10:1 CONSTANT TORQUE - NEMA MG1 PART 31

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
20	1130	286T	230/460/796	60	1.15	F	D	5.8	G	ODP	23	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 %				
28	145	85.5	86.0	85.5	0.80	0.73	0.61	93	285	310	6311	6311	12 Lead 2Δ/Δ/Y	370

NAME PLATE

		OIL WELL PUMP MOTOR AC INDUCTION MOTOR INVERTER DUTY 20:1 VT; 10:1 CT				
TYPE	ODP	MODEL	OWP286T-20-6-ODP	S.F.	1.15	
HP	20	FRAME	286T	EFF	85.5	
RPM	1130	VOLTS	230/460/796	P.F.	0.80	
INS	F	AMPS	56/28/16.2	CODE	G	
PH	3	MAX AMB	40 °C	DE BRG	6311	
HZ	60	S/N		ODE BRG	6311	
WT/LBS	370	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).