DATA SHEET

Premium Efficiency Motor: **ODP200-18-445T,** **60 Hz**

WorldWide Electric Corporation
1 (800) 808-2131
Worldwideelectric.net

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Customer:

MOTOR INFORMATION

HP	200
RPM	1800
Phase	3
Frequency	60
Voltage	230/460
Frame Size	444/5T
Enclosure	ODP
Degree of Protection	IP23
Service Factor	1.15
Poles	4
Full Load Speed	1780
Insulation Class	F
Temp Rise	80˚C
NEMA Code Letter	G
Duty Cycle	S1 / Continuous
Slip	1.13%
NEMA Design	B
Moment of Inertia	50.725 lb.ft.^2
Locked Rotor Time (Hot)	12 seconds
Sound Pressure Level	90 dB(A)
Number of Starts	2 Cold / 1 Hot
Max Ambient Temperature	40˚C
Max Elevation	1000 m.a.s.l (3300 f.a.s.l)
Mounting	F1
Rotation	Bi-Directional
Area of Classification	Safe Area
Inverter Rating	10:1 CT / 20:1 VT
Standard	NEMA MG 1
Approvals	UL, CE

ADDITIONAL DATA

F2 Suitable	Yes
Shaft Material	AISI 1045
Connection Diagram	12 Lead Delta
Approximate Weight	1732 lbs.

EFFICIENCY/POWER FACTOR

LOAD	EFF	P. F.
100%	95.8 %	0.88
75%	95.6 %	0.87
50%	95.4 %	0.82

TORQUE

FULL LOAD	LRT	BDT
592.1 lb.ft.	283 %	300 %

AMPERAGE INFORMATION

	230V	460V
Full Load Amps	448.8A	224.4A
Locked Rotor Amps	2848A	1424A
No Load Current	116.2A	58.1A
Usable at 208V	244.6A	

BEARING INFORMATION

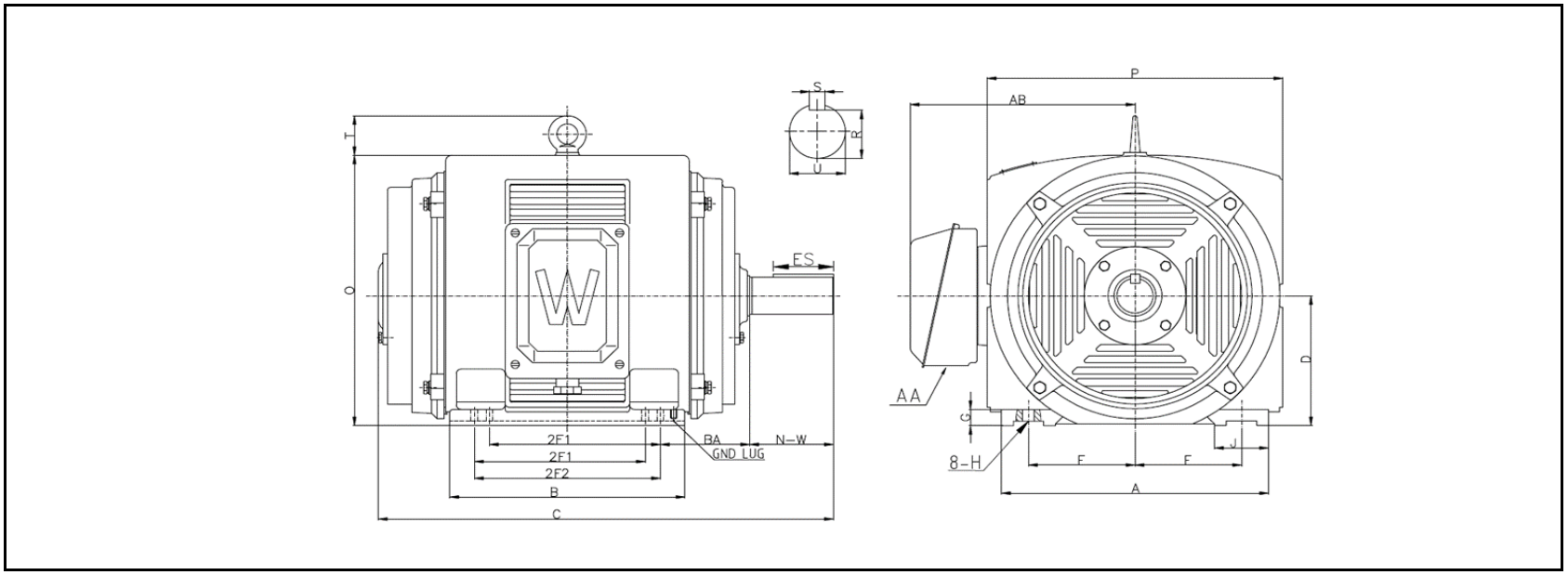
DE Bearing	6320
ODE Bearing	6316
Grease Type	Mobil Polyrex EM
DE Regreasing Interval	2400 Hours
ODE Regreasing Interval	3600 Hours
Grease Quantity	51g/33g

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MOTOR DRAWING

Premium Efficiency Motor: **ODP200-18-445T**

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DIMENSION - INCHES

MOUNTING					A	B	C	D	G	P	O	T	AB
E	2F1	2F2	H	BA									
9	14.5	16.5	0.81	7.5	22.3	22.9	39.45	11	1.37	23.42	22.7	3	20.6

SHAFT & KEY				
S	ES	R	N-W	U
0.875	6.91	2.88	8.5	3.375

T-BOX	GND
AA	LUG
3	M12*P1.75

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PERFORMANCE CURVES

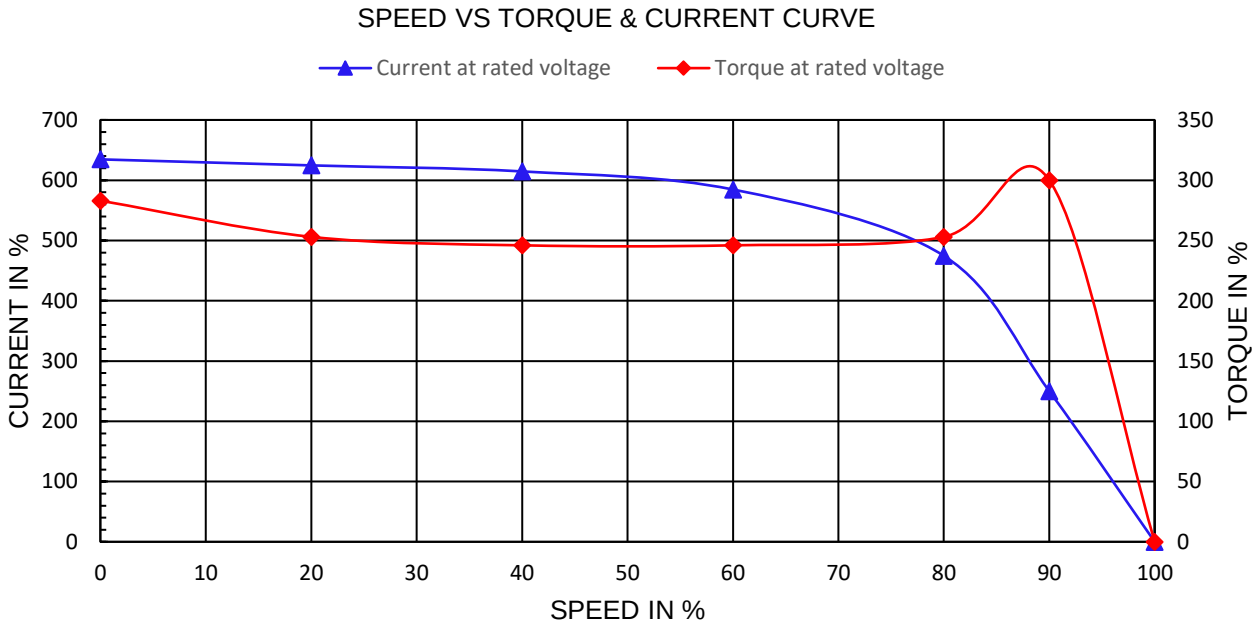
Premium Efficiency Motor: **ODP200-18-445T**

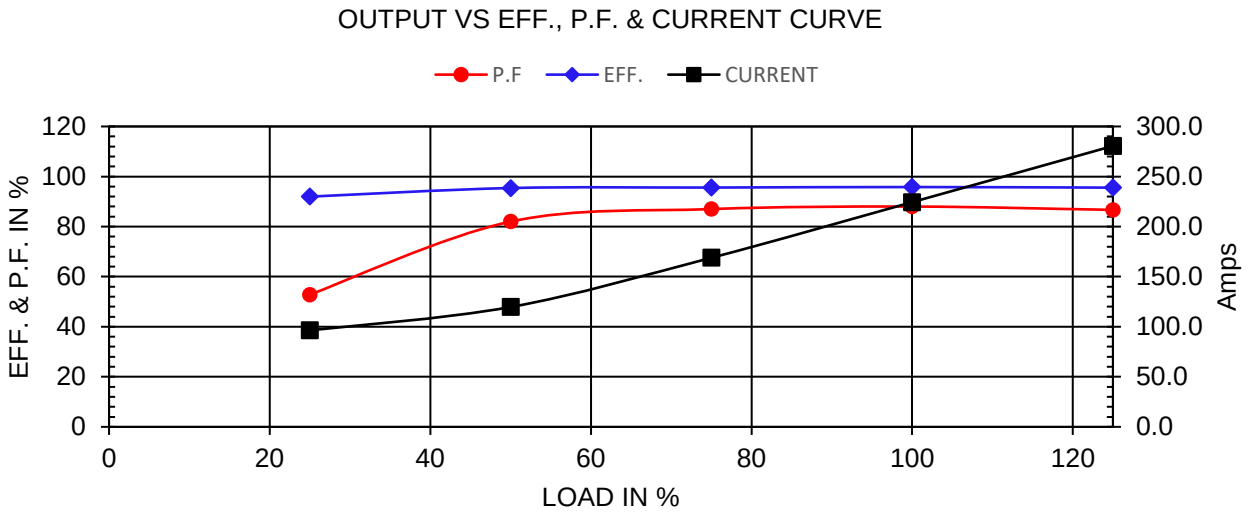
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Motor Type	ODP					
Output Rating (HP)	200		FL Speed	1780		
Full Load Torque	592.1	lb.ft	LRT (%FLT)	283	460 volt FLA	224.4
Rotor Wk^2	0.958	lb-ft^2	BDT (%FLT)	300	230 volt FLA	448.8





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NAMEPLATE / WIRING

Premium Efficiency Motor: **ODP200-18-445T**

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SAMPLE NAMEPLATE DATA

WORLDWIDE CC306B

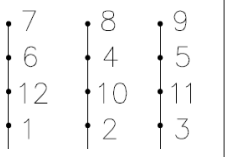
OPEN DRIP PROOF
3 PHASE MOTOR

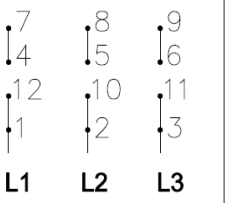
NEMA Premium ENERGY c UL us E309286 CE

Model :		Encl :		SN :		
HP :	Poles :	FR:	Ins :	IP23	Max Amb 40℃	Duty:Cont

Hz :	CODE :	Hz :	Design :
Volts :	P.F :	Volts :	DE BRG :
Amps :	Eff :	Amps :	ODE BRG :
RPM :	S.F :	RPM :	WT :
		S.F :	Date :

WorldWide Electric Corporation





Model:	ODP200-18-445T			**Encl:**	ODP				
HP:	200	**Poles:**	4	**Frame**	444/5T	**Ins Cl:**	F	**IP**	IP23
Hz:	60	**Code:**	G	**Hz:**	50	**Design:**	B		
Volts:	230/460	**P.F.:**	0.88	**Volts:**	190/380	**DE Brg:**	6320		
Amps:	448.8/224.4	**Eff:**	95.8%	**Amps:**	540/270	**ODE Brg:**	6316		
RPM:	1780	**S.F.:**	1.15	**RPM:**	1470	**WT:**	1732 lbs.		
				S.F.:	1.0				

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