DATA SHEET

Premium Efficiency Motor: **ODP40-12-364T,** **60 Hz**

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

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Customer:

MOTOR INFORMATION

HP	40
RPM	1200
Phase	3
Frequency	60
Voltage	230/460
Frame Size	364/5T
Enclosure	ODP
Degree of Protection	IP23
Service Factor	1.15
Poles	6
Full Load Speed	1185
Insulation Class	F
Temp Rise	80˚C
NEMA Code Letter	G
Duty Cycle	S1 / Continuous
Slip	1.36%
NEMA Design	B
Moment of Inertia	19.371 lb.ft.^2
Locked Rotor Time (Hot)	12 seconds
Sound Pressure Level	68 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	748 lbs.

EFFICIENCY/POWER FACTOR

LOAD	EFF	P. F.
100%	94.1 %	0.85
75%	94.9 %	0.82
50%	94.7 %	0.74

TORQUE

FULL LOAD	LRT	BDT
178.3 lb.ft.	243 %	350 %

AMPERAGE INFORMATION

	230V	460V
Full Load Amps	93.2A	46.6A
Locked Rotor Amps	571.6A	285.8A
No Load Current	33A	16.5A

Usable at 208V	38.48A

BEARING INFORMATION

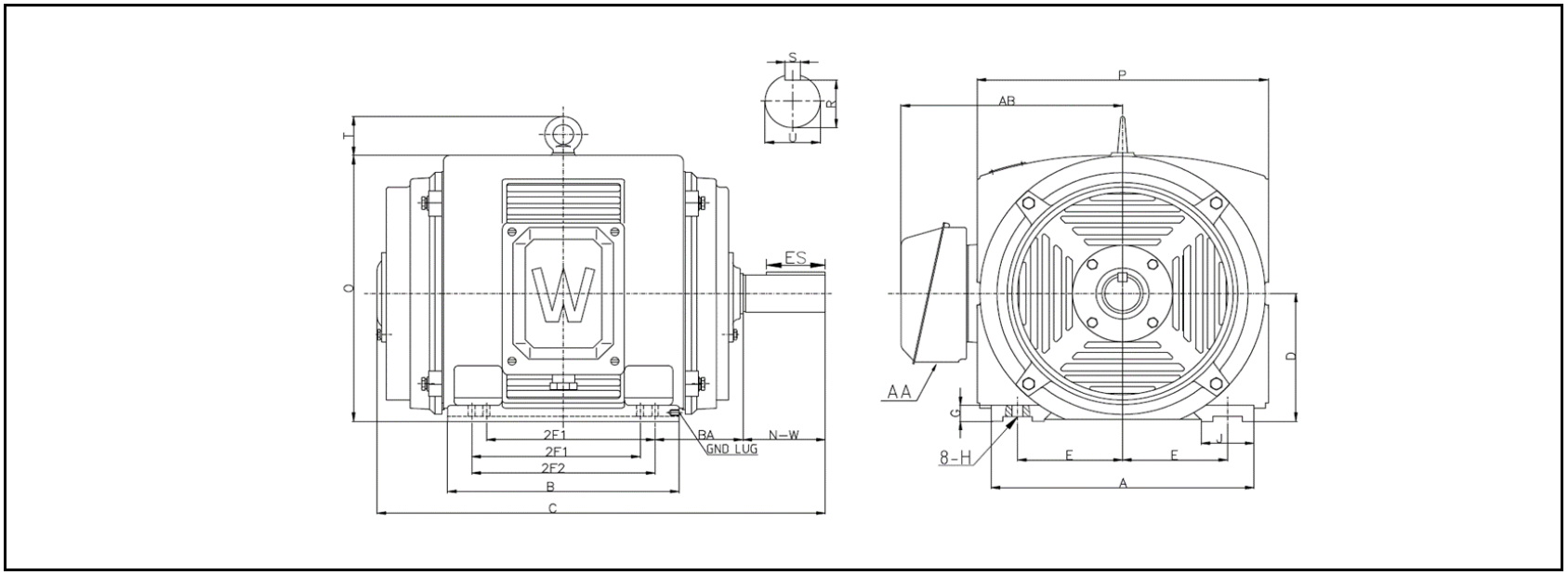
DE Bearing	6314
ODE Bearing	6212
Grease Type	Mobil Polyrex EM
DE Regreasing Interval	2400 Hours
ODE Regreasing Interval	3600 Hours
Grease Quantity	26g/12g

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MOTOR DRAWING

Premium Efficiency Motor: **ODP40-12-364T**

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DIMENSION - INCHES

MOUNTING					A	B	C	D	G	P	O	T	AB
E	2F1	2F2	H	BA									
7	11.25	12.25	0.66	5.88	17.6	15.51	30.9	9	1.1	19.48	18.5	2.7	14.8

SHAFT & KEY				
S	ES	R	N-W	U
0.625	4.28	2.02	5.88	2.375

T-BOX	GND
AA	LUG
3	M10*P1.5

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PERFORMANCE CURVES

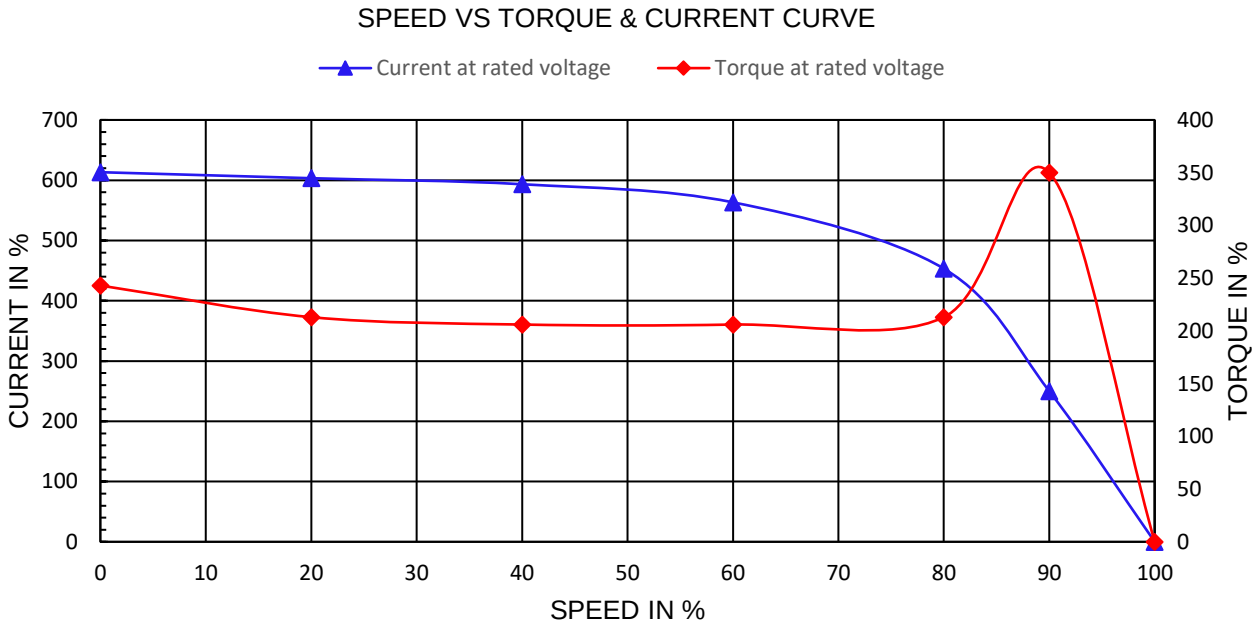
Premium Efficiency Motor: **ODP40-12-364T**

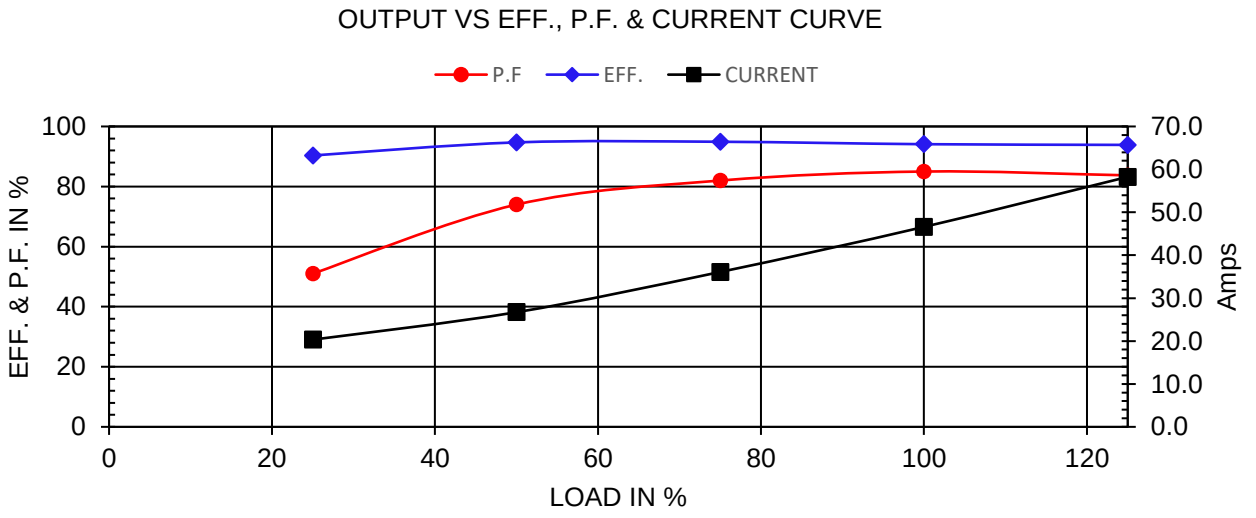
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Motor Type	ODP					
Output Rating (HP)	40		FL Speed	1185		
Full Load Torque	178.3	lb.ft	LRT (%FLT)	243	460 volt FLA	46.6
Rotor Wk^2	0.941	lb-ft^2	BDT (%FLT)	350	230 volt FLA	93.2





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NAMEPLATE / WIRING

Premium Efficiency Motor: **ODP40-12-364T**

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SAMPLE NAMEPLATE DATA

WORLDWIDE CC306B

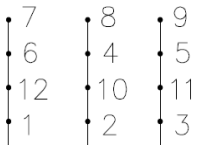
OPEN DRIP PROOF
3 PHASE MOTOR

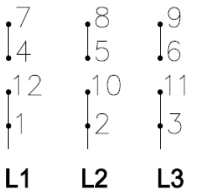
NEMA Premium ENERGY c UL us E309286 CE

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:	ODP40-12-364T			**Encl:**	ODP				
HP:	40	**Poles:**	6	**Frame**	364/5T	**Ins Cl:**	F	**IP**	IP23
Hz:	60	**Code:**	G	**Hz:**	50	**Design:**	B		
Volts:	230/460	**P.F.:**	0.85	**Volts:**	190/380	**DE Brg:**	6314		
Amps:	93.2/46.6	**Eff:**	94.1%	**Amps:**	111.8/55.9	**ODE Brg:**	6212		
RPM:	1185	**S.F.:**	1.15	**RPM:**	975	**WT:**	748 lbs.		
				S.F.:	1.0				

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