DATA SHEET

Premium Efficiency Motor: **ODP1-12-145T,** **60 Hz**

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

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MOTOR INFORMATION

HP	1
RPM	1200
Phase	3
Frequency	60
Voltage	230/460
Frame Size	143/5T
Enclosure	ODP
Degree of Protection	IP23
Service Factor	1.15
Poles	6
Full Load Speed	1154
Insulation Class	F
Temp Rise	80˚C
NEMA Code Letter	K
Duty Cycle	S1 / Continuous
Slip	3.82%
NEMA Design	B
Moment of Inertia	0.12 lb.ft.^2
Locked Rotor Time (Hot)	12 seconds
Sound Pressure Level	52 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	No
Shaft Material	AISI 1045
Connection Diagram	9 Lead Wye
Approximate Weight	41 lbs.

EFFICIENCY/POWER FACTOR

LOAD	EFF	P. F.
100%	82.5 %	0.67
75%	82.9 %	0.57
50%	80.7 %	0.45

TORQUE

FULL LOAD	LRT	BDT
4.56 lb.ft.	246 %	317 %

AMPERAGE INFORMATION

	230V	460V
Full Load Amps	3.44A	1.72A
Locked Rotor Amps	20.6A	10.3A
No Load Current	2.2A	1.1A

Usable at 208V	3.8A

BEARING INFORMATION

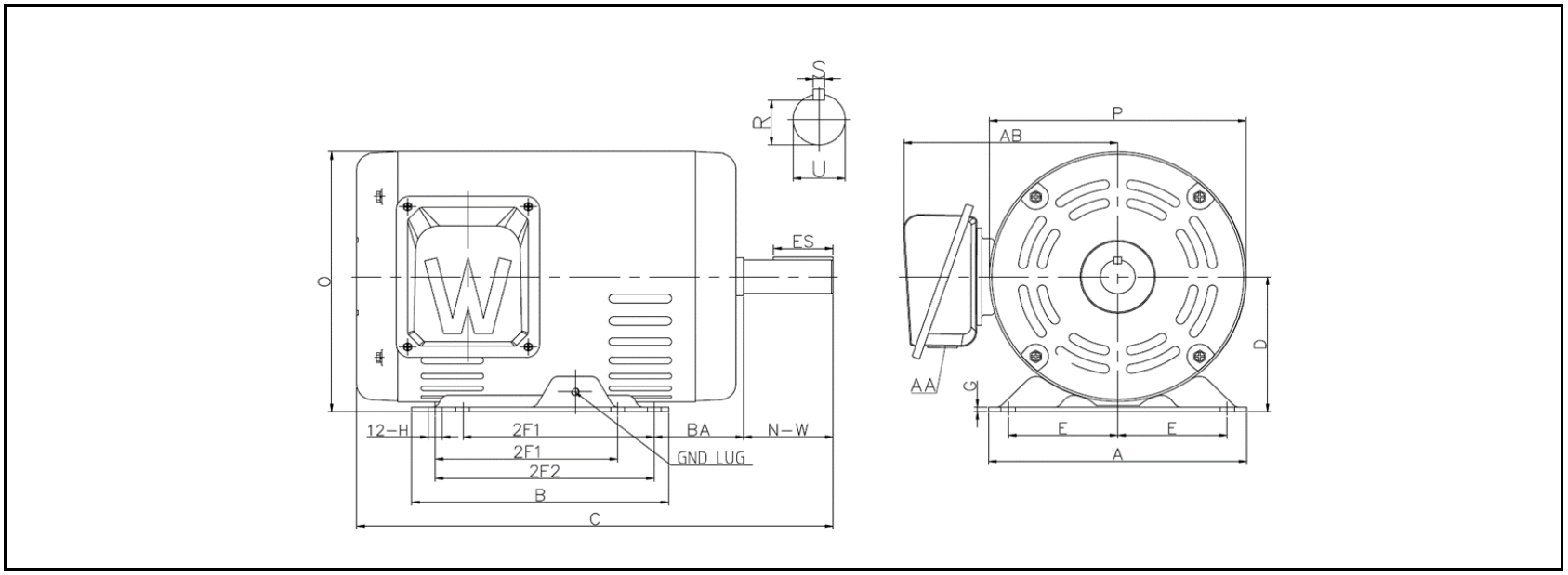
DE Bearing	6205ZZ
ODE Bearing	6204ZZ
Grease Type	NSK SN7
DE Regreasing Interval	-- Hours
ODE Regreasing Interval	-- Hours
Grease Quantity	--

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MOTOR DRAWING

Premium Efficiency Motor: **ODP1-12-145T**

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DIMENSION - INCHES

MOUNTING					A	B	C	D	G	P	O	T	AB
E	2F1	2F2	H	BA									
2.75	4	5	0.34	2.25	6.5	6.5	11.974	3.5	0.118	6.5	6.73	--	5.384

SHAFT & KEY				
S	ES	R	N-W	U
0.188	1.41	0.771	2.25	0.875

T-BOX	GND
AA	LUG
1.09	M5*P0.8

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PERFORMANCE CURVES

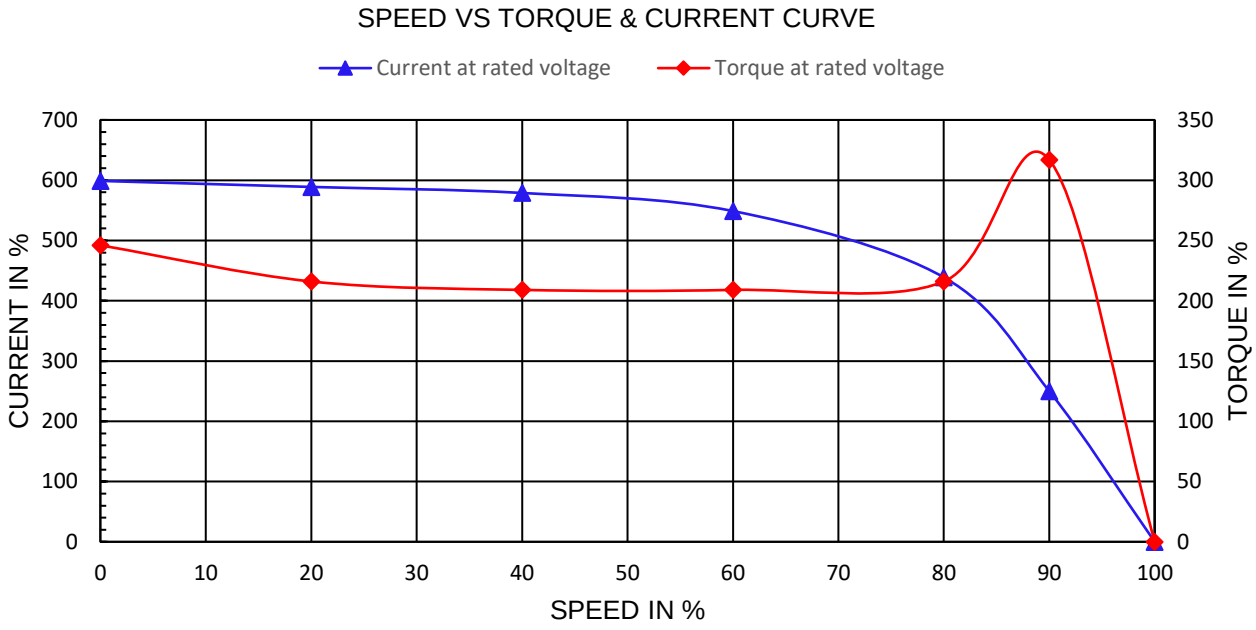
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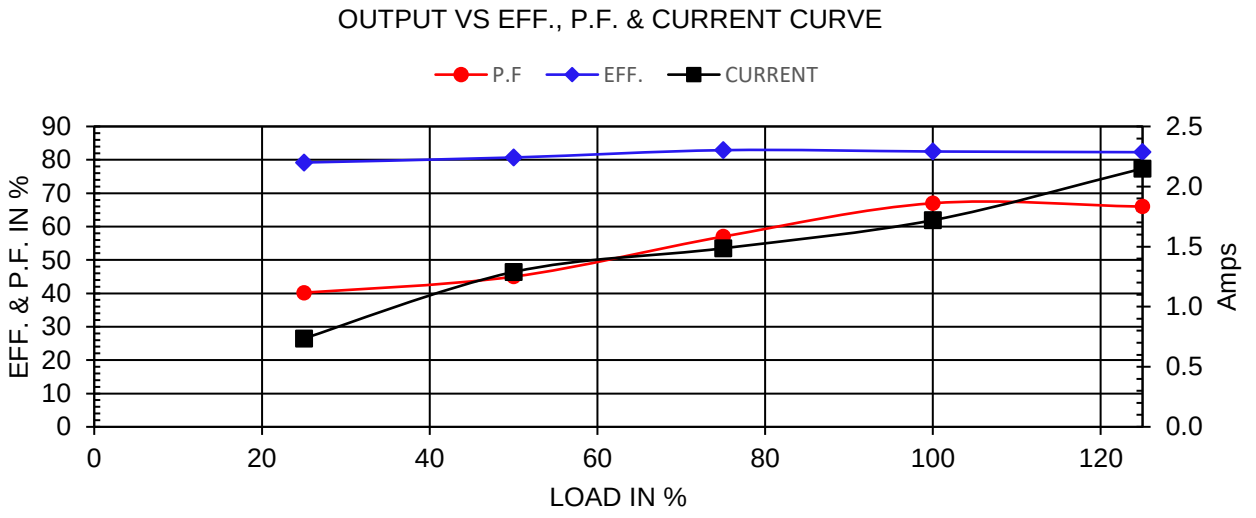
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Motor Type	ODP					
Output Rating (HP)	1		FL Speed	1154		
Full Load Torque	4.56	lb.ft	LRT (%FLT)	246	460 volt FLA	1.72
Rotor Wk^2	0.825	lb-ft^2	BDT (%FLT)	317	230 volt FLA	3.44





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NAMEPLATE / WIRING

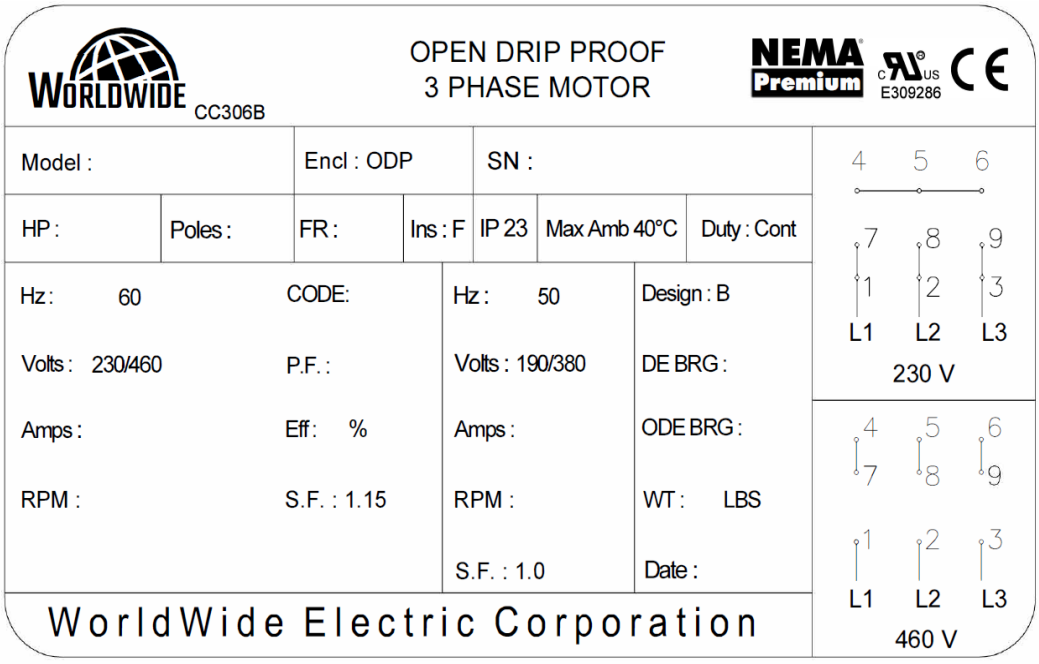
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SAMPLE NAMEPLATE DATA



Model:	ODP1-12-145T			**Encl:**	ODP				
HP:	1	**Poles:**	6	**Frame**	143/5T	**Ins Cl:**	F	**IP**	IP23
Hz:	60	**Code:**	K	**Hz:**	50	**Design:**	B		
Volts:	230/460	**P.F.:**	0.67	**Volts:**	190/380	**DE Brg:**	6205ZZ		
Amps:	3.44/1.72	**Eff:**	82.5%	**Amps:**	3.9/1.95	**ODE Brg:**	6204ZZ		
RPM:	1154	**S.F.:**	1.15	**RPM:**	938	**WT:**	41 lbs.		
				S.F.:	1.0				

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