

# DATA SHEET

Premium Efficiency Motor: **ODP2-18-200-145T,**

**60 Hz**

WorldWide Electric Corporation

1 (800) 808-2131

Worldwideelectric.net



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## MOTOR INFORMATION

HP	2
RPM	1800
Phase	3
Frequency	60
Voltage	200
Frame Size	143/5T
Enclosure	ODP
Degree of Protection	IP23
Service Factor	1.15
Poles	4
Full Load Speed	1744
Insulation Class	F
Temp Rise	80°C
NEMA Code Letter	L
Duty Cycle	S1 / Continuous
Slip	3.12%
NEMA Design	B
Moment of Inertia	0.175 lb.ft.^2
Locked Rotor Time (Hot)	12 seconds
Sound Pressure Level	60 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

## EFFICIENCY/POWER FACTOR

LOAD	EFF	P. F.
100%	86.5 %	0.79
75%	87.6 %	0.71
50%	86.0 %	0.58

## TORQUE

FULL LOAD	LRT	BDT
6.06 lb.ft.	349 %	387 %

## AMPERAGE INFORMATION

	200V
Full Load Amps	6.21
Locked Rotor Amps	54.326A
No Load Current	3.404A

## BEARING INFORMATION

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

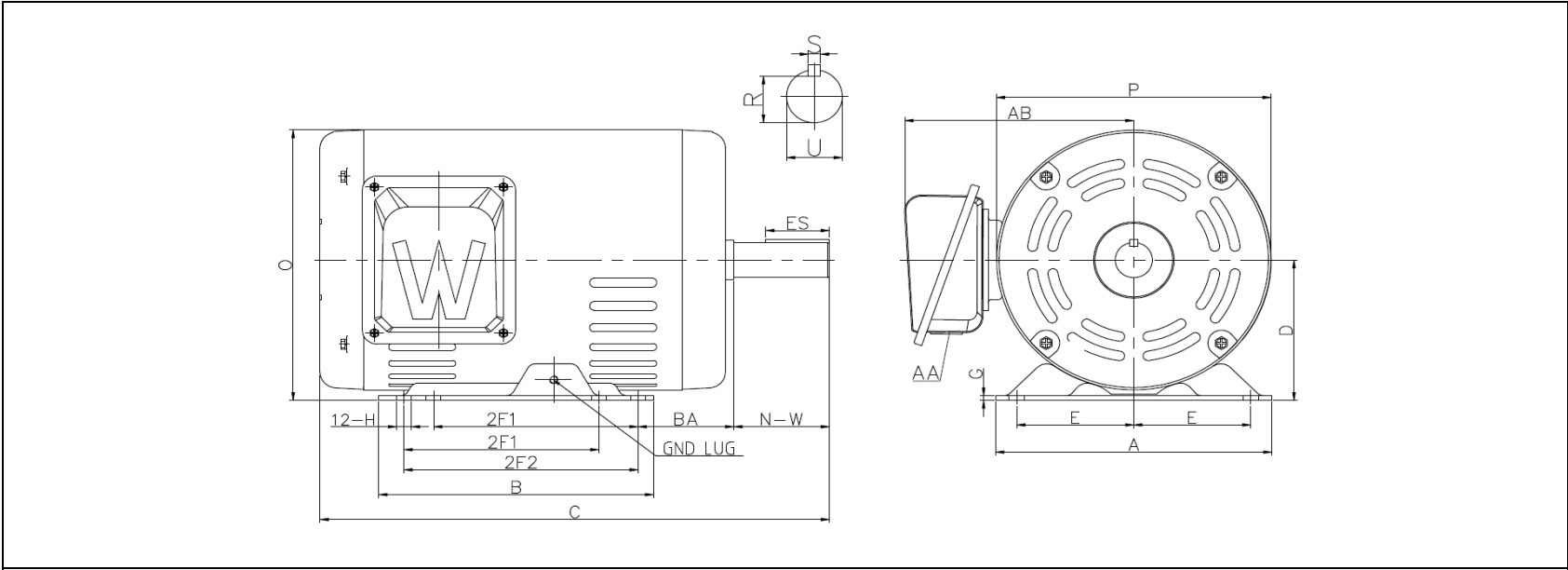
## ADDITIONAL DATA

F2 Suitable	No
Shaft Material	AISI 1045
Connection Diagram	6 Lead Delta
Approximate Weight	38.6 lbs.

# MOTOR DRAWING

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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 LUG
AA	
1.09	M5*P0.8

# PERFORMANCE CURVES

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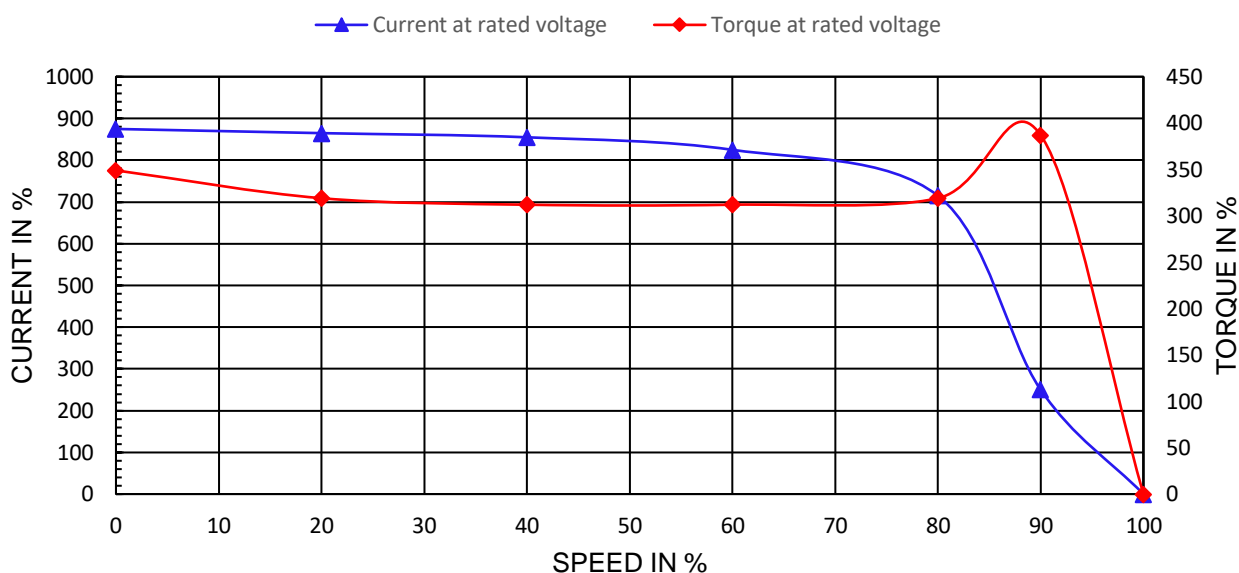
Premium Efficiency Motor:

**ODP2-18-200-145T**

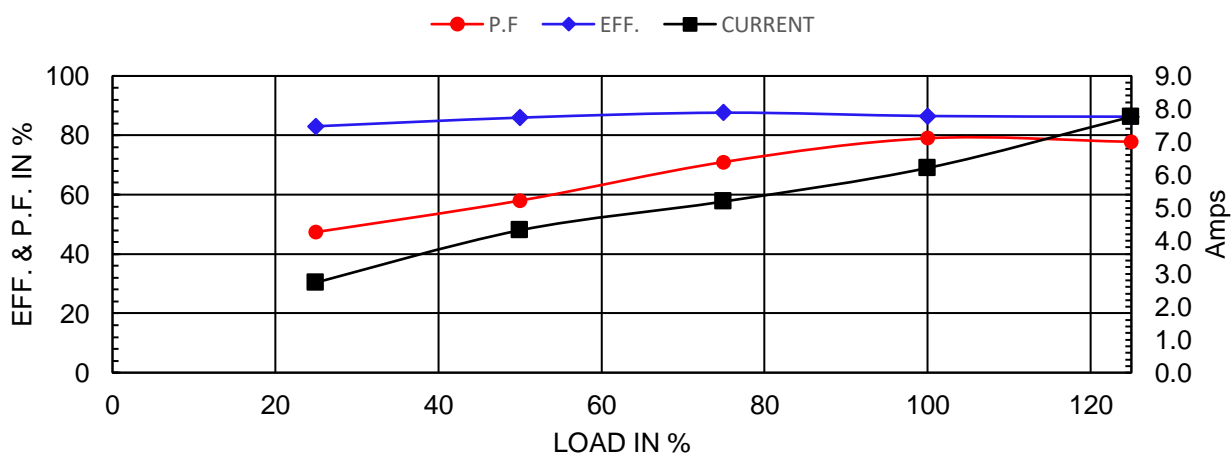
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Motor Type	PEWWE			FL Speed	1744		
Output Rating (HP)	2			LRT (%FLT)	349	200 volt FLA	6.21
Full Load Torque	6.06	lb.ft		BDT (%FLT)	387		
Rotor Wk^2	0.175	lb-ft^2					

SPEED VS TORQUE & CURRENT CURVE



OUTPUT VS EFF., P.F. & CURRENT CURVE



# NAMEPLATE / WIRING

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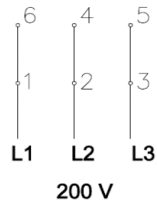
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## SAMPLE NAMEPLATE DATA

		CC306B		OPEN DRIP PROOF 3 PHASE MOTOR														
Model :			Encl :		SN :													
HP :		Poles :		FR :		Ins :							IP 23		Max Amb 40°C		Duty : Cont	
Hz :				CODE:									Design :					
Volts :				P.F. :									DE BRG :					
Amps :				Eff :									ODE BRG :					
RPM :				S.F. :				WT :				Date :						
WorldWide Electric Corporation																		

<b>Model</b>	ODP2-18-200-145T	<b>Encl</b>	ODP	<b>FR:</b>	143/5T	<b>Ins:</b>	F
<b>HP:</b>	2	<b>Poles:</b>	4	<b>Design</b>	B		
<b>Hz:</b>	60	<b>Code:</b>	L	<b>DE BRG:</b>	6205ZZ		
<b>Volts:</b>	200	<b>P.F.:</b>	0.79	<b>ODE BRG:</b>	6204ZZ		
<b>Amps</b>	6.21	<b>Eff:</b>	86.5%	<b>WT:</b>	38.6 lbs.		
<b>RPM</b>	1744	<b>S.F. :</b>	1.15				