DATA SHEET

Premium Efficiency Motor: **PEWWE75-18-365T** **60 Hz**

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

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Customer:

MOTOR INFORMATION

HP	75
RPM	1800
Phase	3
Frequency	60 Hz
Voltage	230/460 V
Frame Size	365T
Enclosure	TEFC
Degree of Protection	IP55
Service Factor	1.25
Poles	4
Full Load Speed	1780
Insulation Class	F
Temp Rise	80°C
NEMA Code Letter	G
Duty Cycle	S1 / Continuous
Slip	1.10%
NEMA Design	B
Moment of Inertia	17.5 lb.ft.^2
Locked Rotor Time (Hot)	13 seconds
Sound Pressure Level	74 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	Class 1 Division 2 Groups A,B,C,D T3A(180°C)
Inverter Rating	10:1 CT / 20:1 VT PWM Type
Standard	NEMA MG-1
Approvals	CSA-US, CE

ADDITIONAL DATA

F2 Suitable	Yes
Shaft Material	1045 Carbon Steel
Connection Diagram	230 / 460 V - 12 Lead Δ
Approximate Weight	858 lbs.

EFFICIENCY/POWER FACTOR

LOAD	EFF	P. F.
100%	95.4 %	0.83
75%	95.5 %	0.80
50%	95.3 %	0.71

TORQUE

FULL LOAD	LRT	BDT
221 lb.ft.	190 %	250 %

AMPERAGE INFORMATION

	230V	460V
Full Load Amps	177A	88.7A
Locked Rotor Amps	1085A	542.5A
No Load Current	75A	32.5A
Usable at 208V	196A	

BEARING INFORMATION

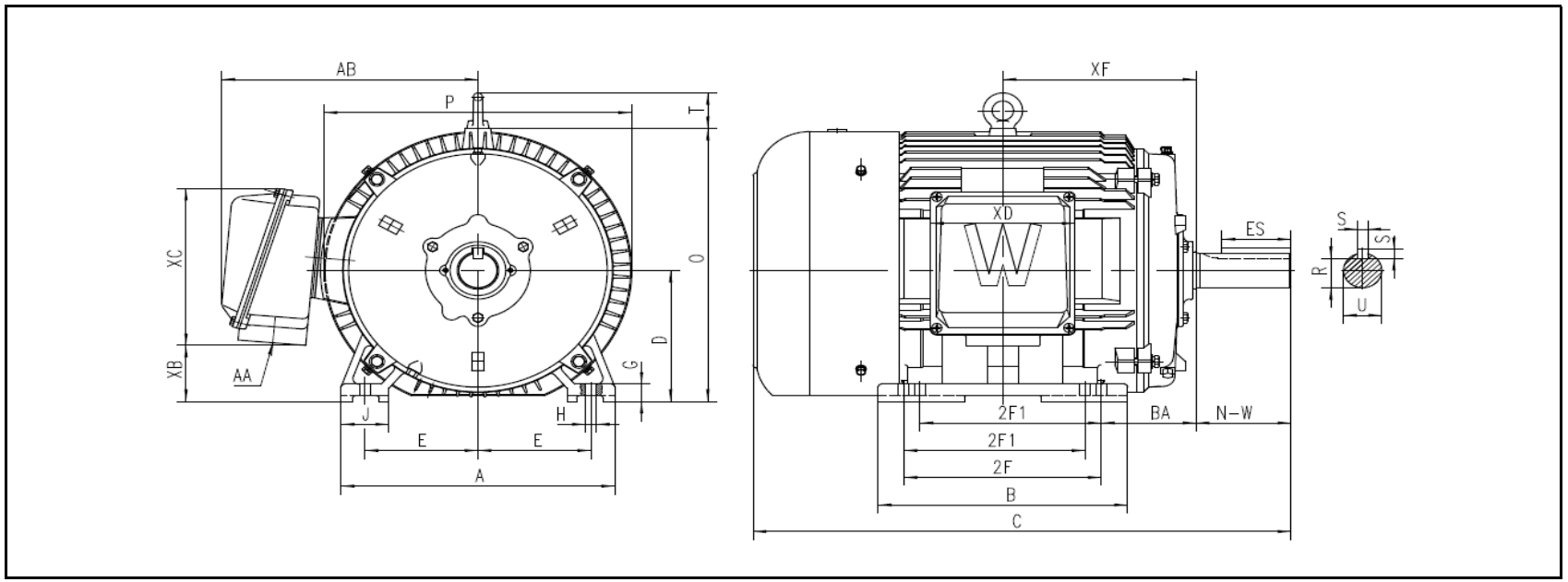
DE Bearing	6313 C3
ODE Bearing	6312 C3
Grease Type	SKF LGHP 2
DE Regreasing Interval	3000 Hours
ODE Regreasing Interval	4000 Hours

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MOTOR DRAWING

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DIMENSION - INCHES

MOUNTING					A	B	C	D	G	J	P	O	T	AB
E	2F1	2F	H	BA										
7	11.25	12.25	0.66	5.88	16.969	15.472	33.36	9	1.181	2.953	19.091	18.8	2.441	15.899

SHAFT & KEY				
S	ES	R	N-W	U
0.625	4.28	2.021	5.88	2.375

TERMINAL BOX				
AA	XB	XC	XD	XF
3	3.849	10.783	8.976	11.988

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PERFORMANCE CURVES

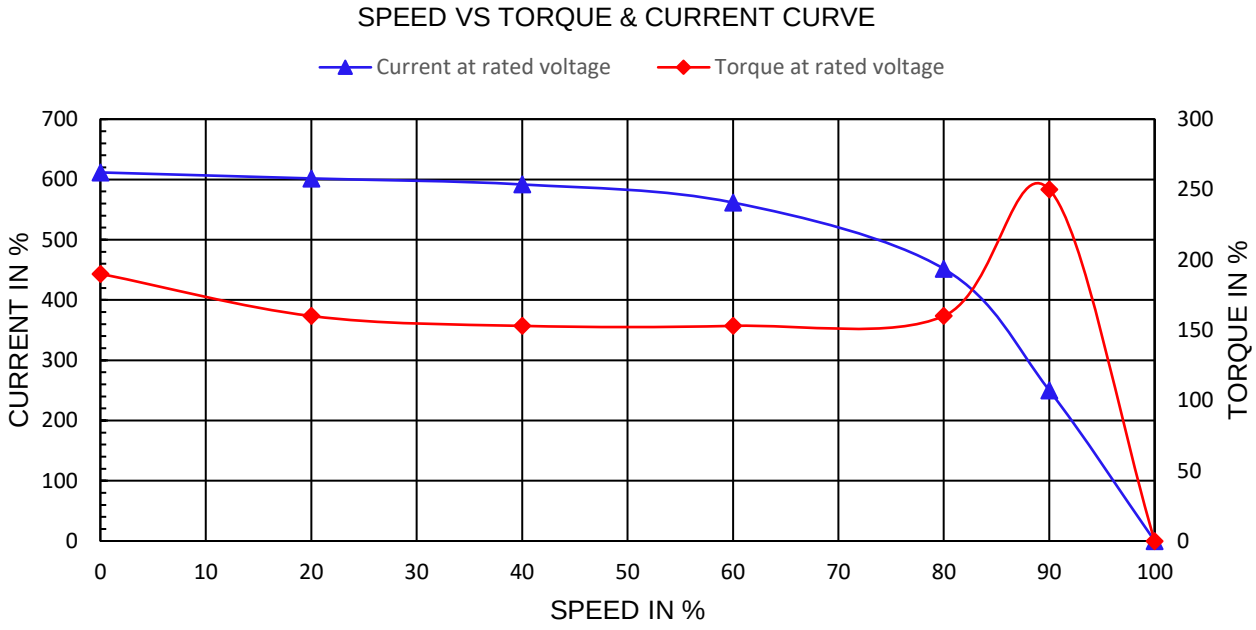
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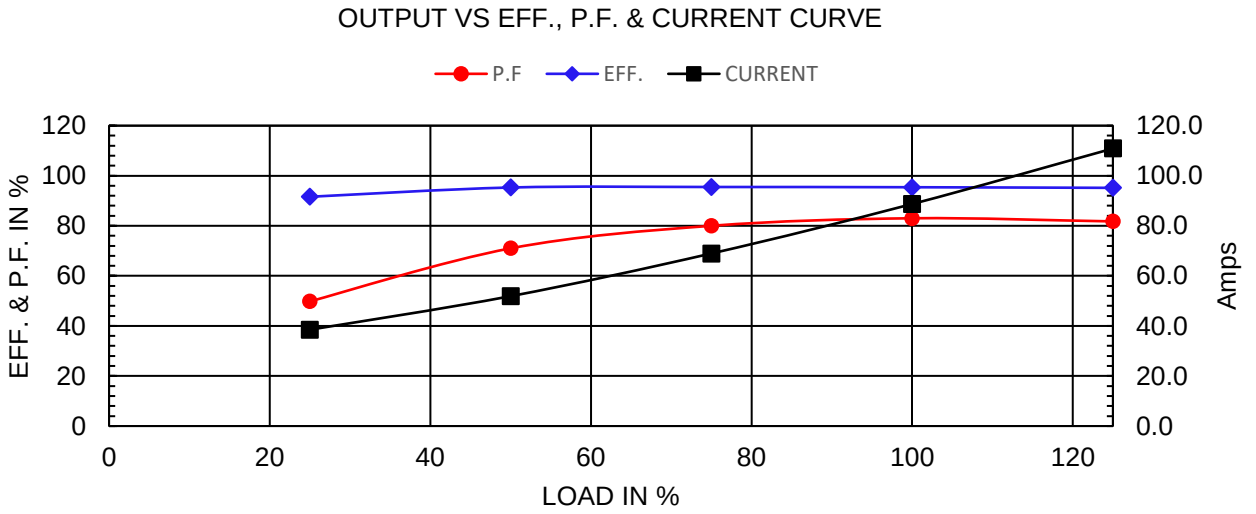
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Motor Type	PEWWE						
Output Rating (HP)	75		FL Speed	1780			
Full Load Torque	221	lb.ft	LRT (%FLT)	190	460 volt FLA	88.7	A
Rotor Wk^2	17.5	lb-ft^2	BDT (%FLT)	250	230 volt FLA	177	A





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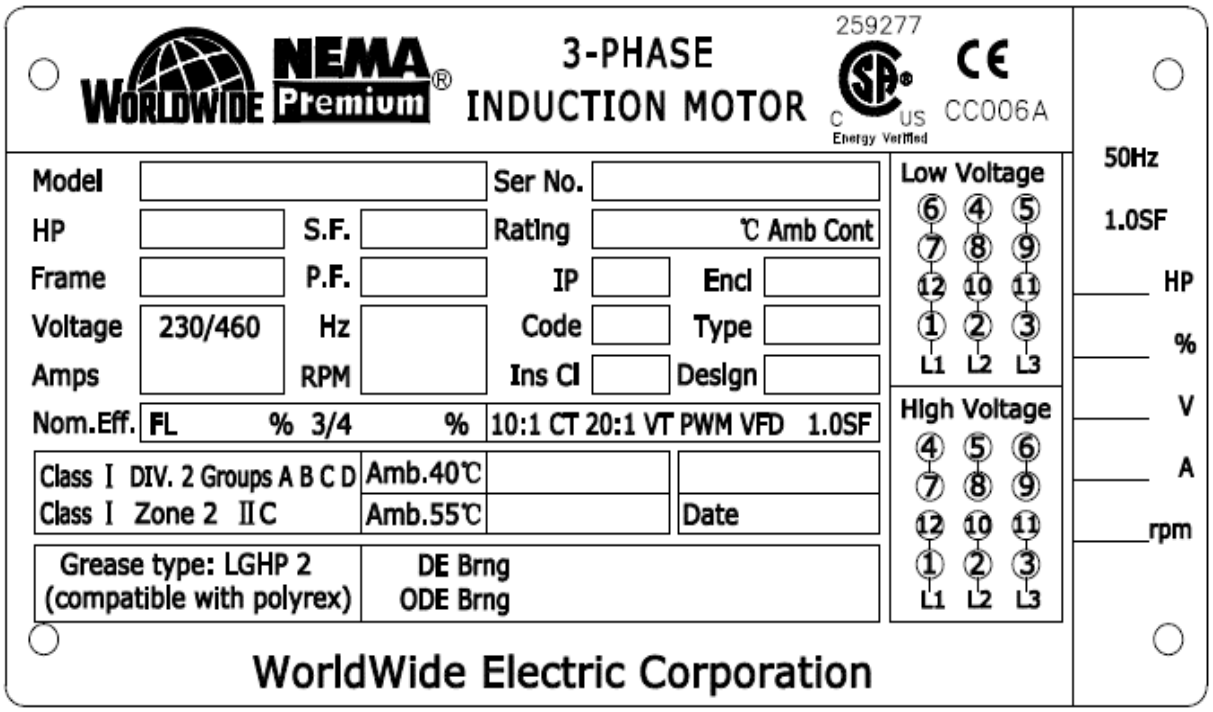
NAMEPLATE / WIRING

Premium Efficiency Motor: **PEWWE75-18-365T**

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SAMPLE NAMEPLATE DATA



Model	PEWWE75-18-365T						
HP	75	S.F.	1.25	IP	IP55	Encl	TEFC
Frame	365T	P.F.	0.83	Code	G	Type	
Voltage	230/460 V	Hz	60 Hz	Ins Cl	F	Ambient	40°C
Amps	177/88.7	RPM	1780	Design	B	DE Brng	6313 C3
Nom.Eff.	FL 95.4%	3/4	95.5%			ODE Brng	6312 C3
Class 1 Division 2 Groups A,B,C,D T3A(180°C)						Grease type:	SKF LGHP 2

50Hz				
75 HP	200/400 V	208/104 A	1480 rpm	93.5%

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