

DATA SHEET

Premium Efficiency Motor: **OW25-9-326T**,

60 Hz

WorldWide Electric Corporation

1 (800) 808-2131

Worldwideelectric.net



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Customer:

MOTOR INFORMATION

HP	25
RPM	900
Phase	3
Frequency	60 Hz
Voltage	230/460/796
Frame Size	326T
Enclosure	TEFC
Degree of Protection	IP55
Service Factor	1.15
Poles	8
Full Load Speed	855
Insulation Class	F
Temp Rise	80°C
NEMA Code Letter	H
Duty Cycle	S1 / Continuous
Slip	5.01%
NEMA Design	D
Moment of Inertia	11.0468 lb.ft.^2
Locked Rotor Time (Hot)	12 seconds
Sound Pressure Level	83 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	F2
Rotation	Bi-Directional
Standard	NEMA MG-1
Approvals	UL, CE, IEEE45

EFFICIENCY/POWER FACTOR

LOAD	EFF	P. F.
100%	89.4 %	0.77
75%	89.3 %	0.72
50%	87.8 %	0.6

TORQUE

FULL LOAD	LRT	BDT	PUT
152.7 lb.ft.	281 %	195 %	308 %

AMPERAGE INFORMATION

	230V	460V	796V
Full Load Amps	68.00	34.00	19.60
Locked Rotor Amps	417.80	208.90	120.61
No Load Current	36.80	18.40	10.62

BEARING INFORMATION

DE Bearing	6314 C3
ODE Bearing	6212 C3
Grease Type	Mobil Polyrex EM
DE Regreasing Interval	2400 Hours
ODE Regreasing Interval	2400 Hours
Grease Quantity	26g/12g

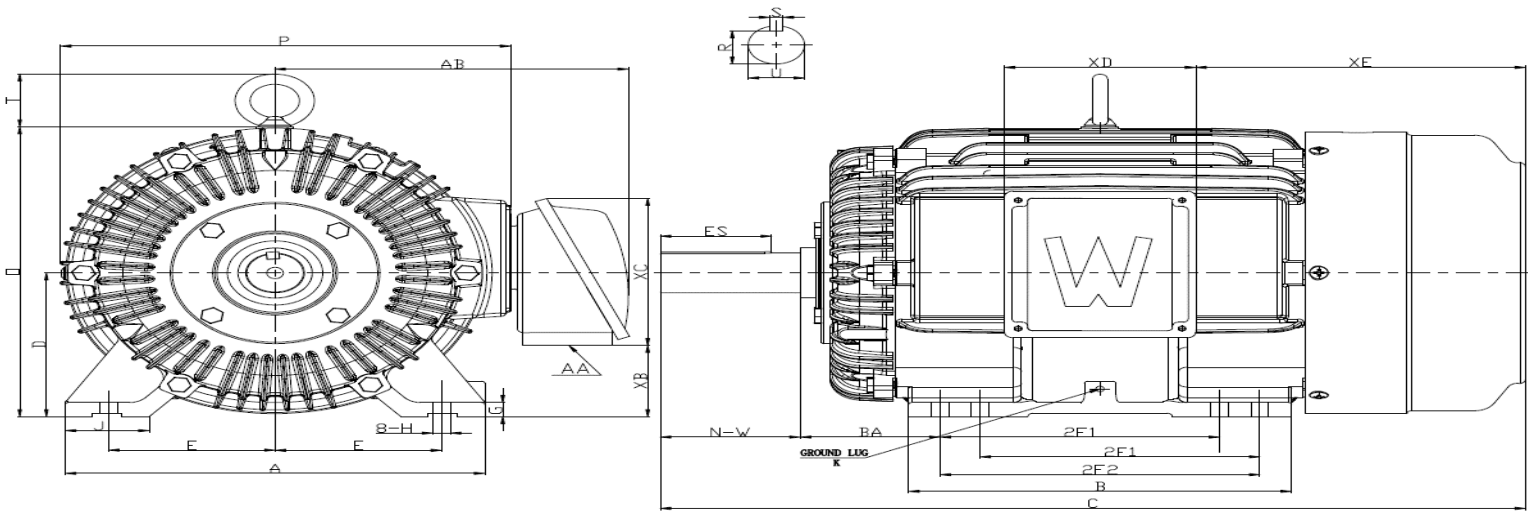
ADDITIONAL DATA

F2 Suitable	YES
Shaft Material	1045 Carbon Steel
Connection Diagram	230 / 460 V - 12 Lead Δ
Approximate Weight	688.7 lbs.
Area of Classification	Class 1 Division 2 Groups A,B,C,D T3B in accordance with NEC

MOTOR DRAWING

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DIMENSION - INCHES

MOUNTING					A	B	C	D	G	J	P	O	T	AB
E	2F1	2F2	H	BA										
6.25	10.5	12	0.66	5.25	15.75	14.37	32.67	8	0.984	3.15	16.3	16.13	2.42	12.8

SHAFT & KEY					
S	ES	R	N-W	AH	U
0.5	3.91	1.845	5.25	N/A	2.125

TERMINAL BOX				
AA	XB	XC	XD	XE
2	4.15	8.32	6.85	12.1

GROUND LUG
K
M8

PERFORMANCE CURVES

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Motor Type PEWWE

Output Rating (HP) 25

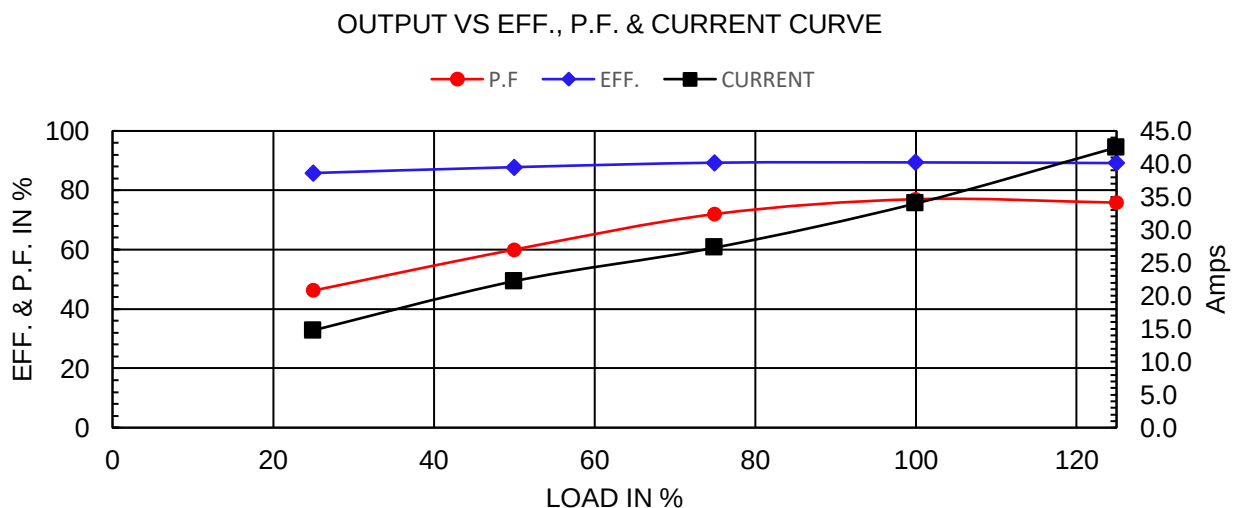
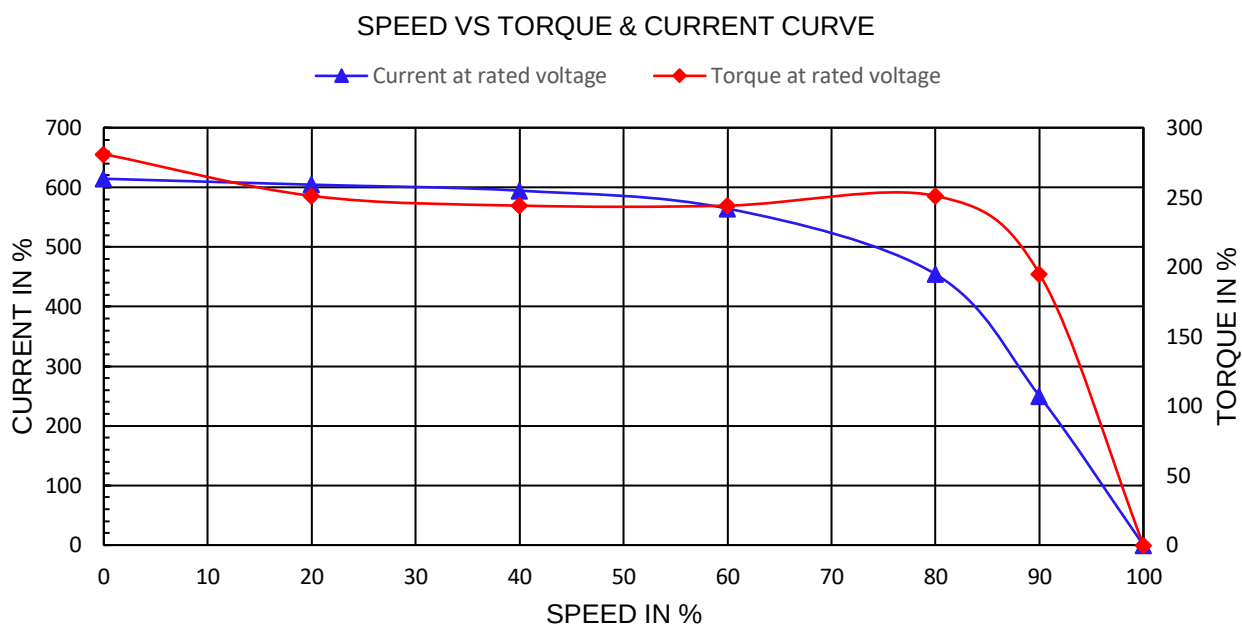
Full Load Torque 152.7 lb.ft

Rotor Wk² 11.0468 lb-ft²

FL Speed 854.9

LRT (%FLT) 281 460 volt FLA 34.00

BDT (%FLT) 195 230 volt FLA 68.00



NAMEPLATE / WIRING

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SAMPLE NAMEPLATE DATA

 OIL WELL PUMPING 3 PHASE INDUSTRIAL ELECTRIC MOTOR  				
Model :		SN :		Code :
HP :	RPM :	IP 55	FR :	End: TEFC
Hz :	60	50	Ins : F	Eff :
Volts :	230/460/796	200/400/693	Design : D	P.F. :
Amps :			WT :	DE BRG :
SF :	1.15	1.0	Duty : Cont	ODE BRG :
Max Amb 40°C-CONT			LRT/FLT : %	Date :
 WorldWide Electric Corporation				

7 8 9
6 4 5
12 10 11
1 2 3

230 V

7 8 9
4 5 6
12 10 11
1 2 3

460 V

12 10 11
4 5 6
7 8 9
1 2 3

796 V
Y Connection For Starting Only

Made in China

Model	OW25-9-326T				
HP	25	RPM	854.9	IP	IP55
Hz	60 Hz	Hz	50Hz	Encl	TEFC
Voltage	230/460/796	Volts	200/400/693	Ins Cl	F
230V FLA	68.00	200V FLA	81.60	Design	D
460V FLA	34.00	400V FLA	40.80	Code	H
796V FLA	19.60	693V FLA	40.80	WT	688.7 lbs.
S.F.	1.15	S.F.	1.00	Duty	S1 / Continuous
Max. Amb.	40°C			Nom.Eff.	89.4%
LRT/FLT	281%			P.F.	0.77
				DE Brng	6314 C3
				ODE Brng	6212 C3