



WORLDWIDE ELECTRIC MOTOR DATA SHEET

OW30-12-326T



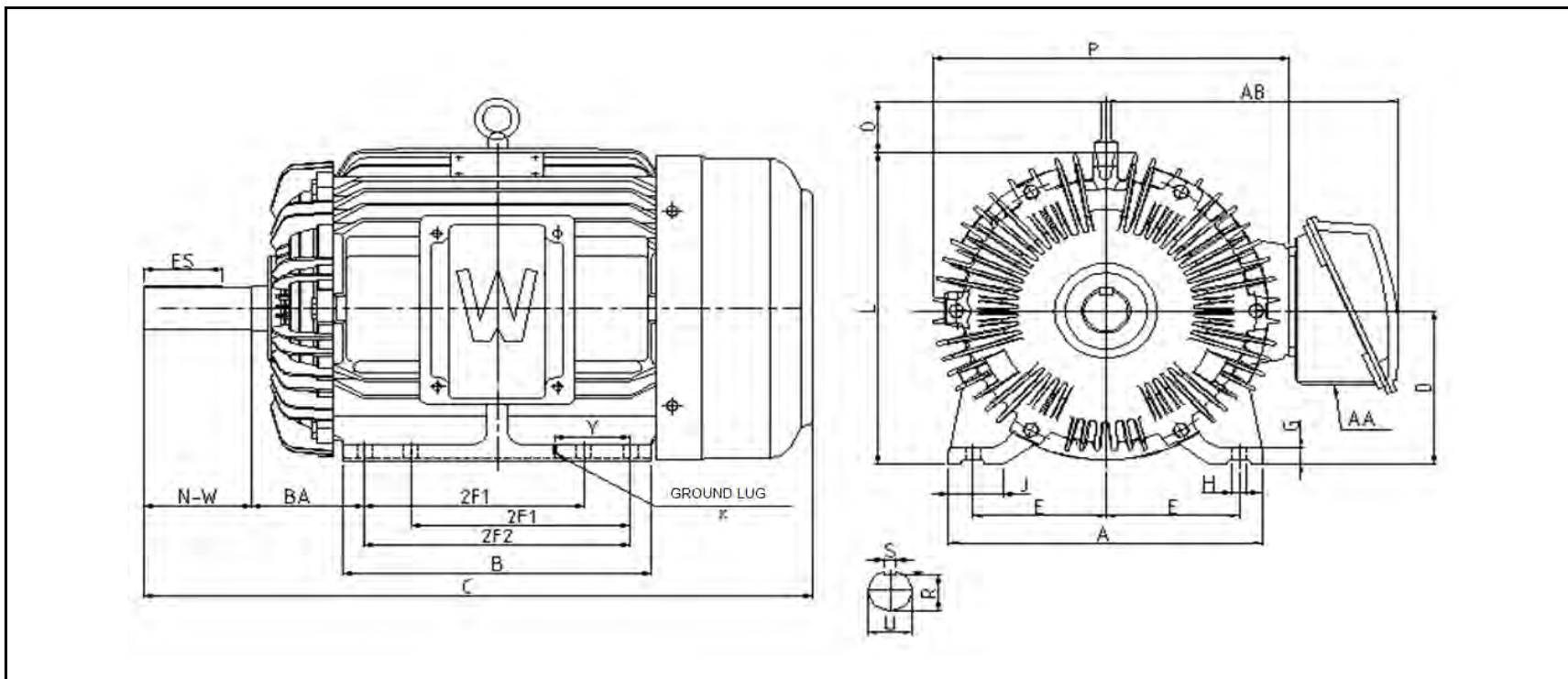
HORSEPOWER	30
RPM / POLES	1200 / 6
VOLTAGE / PHASE	230 / 460 / 796 V / 3
FRAME	326T
ENCLOSURE / DEGREE OF PROTECTION	TEFC / IP55
FREQUENCY	60 HZ Suitable For 50 HZ Operation With 1.0 SF
FULL LOAD SPEED	1130 RPM
SERVICE FACTOR	1.15
INSULATION CLASS	F
FULL LOAD AMPS; 230 / 460 / 796	70.8 / 35.4 / 20.4 A
LOCKED ROTOR AMPS (STARTING); 230 / 460 / 796	477.2 / 238.6 / 137.8 A
NO LOAD CURRENT	21.4 A
NEMA CODE LETTER	G
EFFICIENCY / POWER FACTOR	<u>LOAD</u> <u>EFF.</u> <u>P.F.</u>
	100% 91.7% 0.85
	75% 89.7% 0.71
	50% 87.7% 0.59
DUTY CYCLE	CONTINUOUS
TORQUE	<u>FULL LOAD</u> <u>LRT</u> <u>BDT</u>
	184.8 N.m 254% 265%
SLIP	5.82%
NEMA DESIGN	D
MOMENT OF INERTIA	
MAX. TIME LOCKED ROTOR (Hot)	20 Seconds
MAX. AMBIENT TEMPERATURE	40° C
MAX. ELEVATION	3300 Ft. Above Sea Level
TEMPERATURE RISE (At Full Load)	55° C
DE BEARING	6314
ODE BEARING	6212
REGREASING INT. - DE BEARING	7,000 Hours
REGREASING INT. - ODE BEARING	7,000 Hours
GREASE TYPE	Mobil Polyrex EM
MOUNTING	F2 (F1 Suitable)
ROTATION	Bi-Directional
SHAFT MATERIAL	1045 Carbon Steel
CONNECTION DIAGRAM	230 / 460 V - 12 Lead Δ
APPROXIMATE WEIGHT	622 lbs. (664 lbs. Crated)
INVERTER RATING	10:1 CT / 20:1 VT PWM Type





WORLDWIDE ELECTRIC MOTOR DRAWING

OW-326T



DIMENSIONS - INCHES

MOUNTING					A	B	C	D	G	K
E	2F1	2F2	H	BA						
6.25	10.5	12	0.66	5.25	15.75	14.37	32.67	8	0.984	M8

KEYSET	KEY		U	N-W	P	AB	AA	L	J	O	Y
	R	ES									
1.845	4.17	0.5	2.125	5.25	16.5	12.8	2	16.7	3.15	2.48	3.15

REVISED - 03/17/16