



WORLDWIDE ELECTRIC MOTOR DATA SHEET

OW15-12-284T



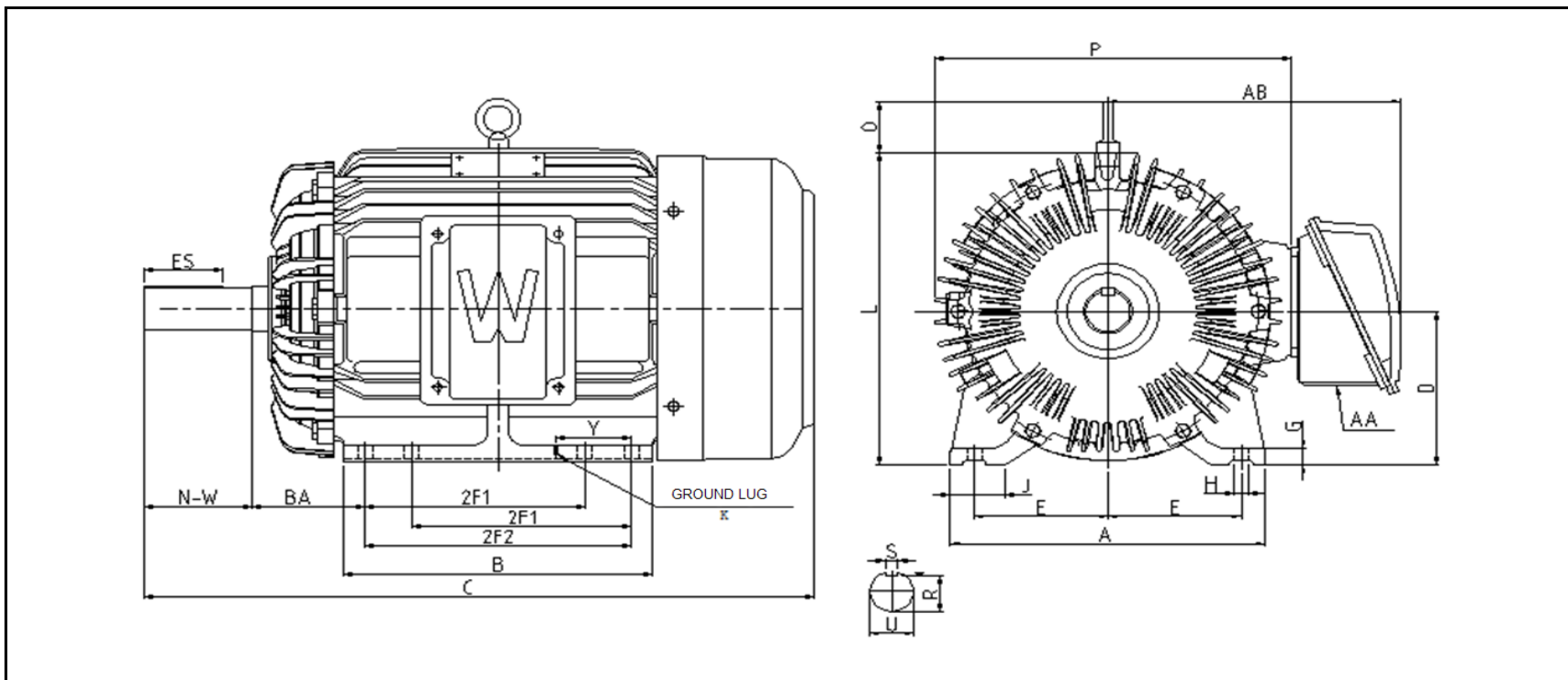
HORSEPOWER	15
RPM / POLES	1200 / 6
VOLTAGE / PHASE	230 / 460 / 796 V / 3
FRAME	284T
ENCLOSURE / DEGREE OF PROTECTION	TEFC / IP55
FREQUENCY	60 HZ Suitable For 50 HZ Operation With 1.0 SF
FULL LOAD SPEED	1133 RPM
SERVICE FACTOR	1.15
INSULATION CLASS	F
FULL LOAD AMPS; 230 / 460 / 796	39.0 / 19.5 / 11.3 A
LOCKED ROTOR AMPS (STARTING); 230 / 460 / 796	248.6 / 124.3 / 71.8 A
NO LOAD CURRENT	12.5 / 6.26 / 3.6 A
NEMA CODE LETTER	G
EFFICIENCY / POWER FACTOR	<u>LOAD</u> <u>EFF.</u> <u>P.F.</u>
	100% 87.7% 0.81
	75% 88.9% 0.78
	50% 88.6% 0.71
DUTY CYCLE	CONTINUOUS
TORQUE	<u>FULL LOAD</u> <u>LRT</u> <u>BDT</u>
	92.7 N.m 302% 255%
SLIP	5.54%
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)	
DE BEARING	6311
ODE BEARING	6310
REGREASING INT. - DE BEARING	8,000 Hours
REGREASING INT. - ODE BEARING	8,000 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	409 lbs. (449 lbs. Crated)
INVERTER RATING	10:1 CT / 20:1 VT PWM Type





WORLDWIDE ELECTRIC MOTOR DRAWING

OW-284T



DIMENSIONS - INCHES

MOUNTING					A	B	C	D	G	K
E	2F1	2F2	H	BA						
5.5	9.5	---	0.53	4.75	13.97	11.68	27.6	7	0.7795	M6

KEYSET	KEY		U	N-W	P	AB	AA	L	J	O	Y
R	ES	S									
1.5909	3.28	0.5	1.8748	4.62	14.56	12.02	1 1/2	14.02	3.07	2.48	2.756

REVISED - 05/14/18