



WORLDWIDE ELECTRIC MOTOR DATA SHEET

OW5-12-215T



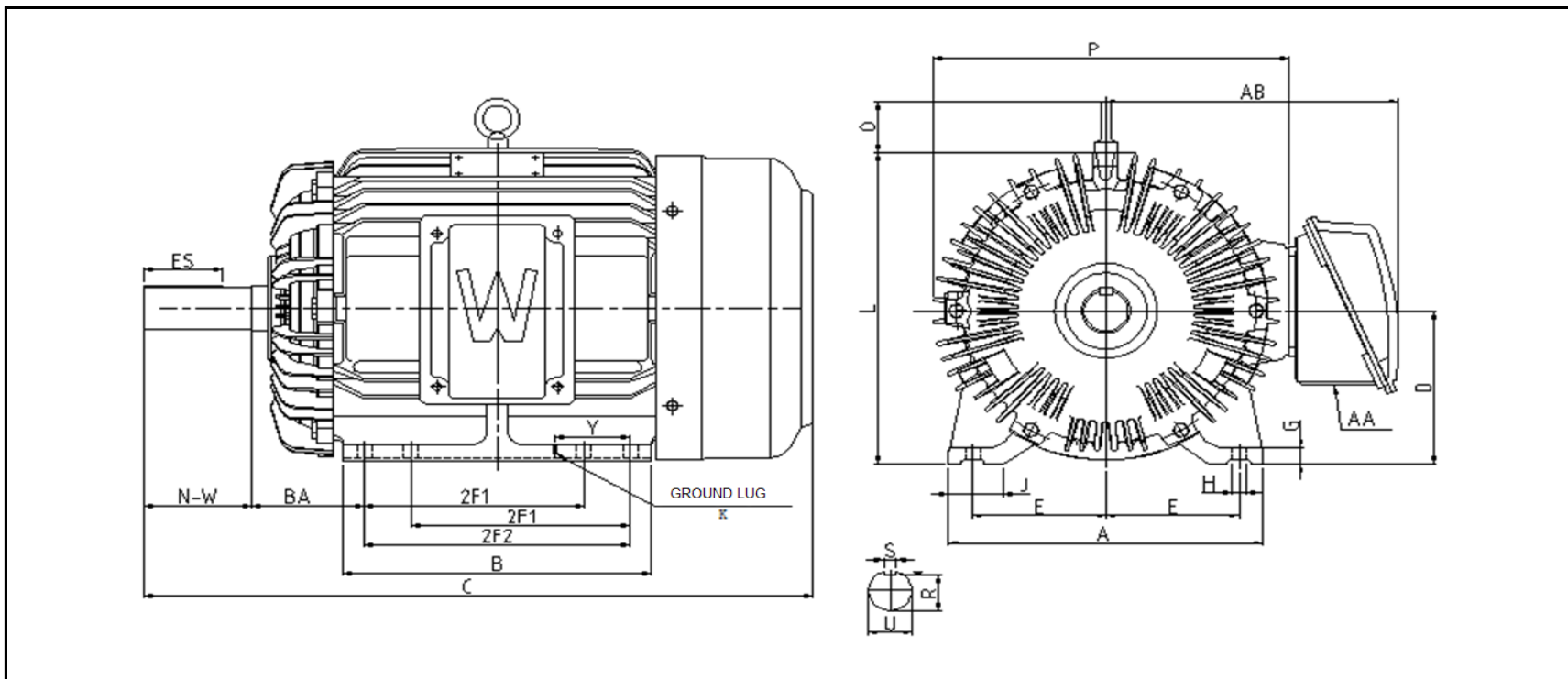
HORSEPOWER	5
RPM / POLES	1200 / 6
VOLTAGE / PHASE	230 / 460 / 796 V / 3
FRAME	215T
ENCLOSURE / DEGREE OF PROTECTION	TEFC / IP55
FREQUENCY	60 HZ Suitable For 50 HZ Operation With 1.0 SF
FULL LOAD SPEED	1128 RPM
SERVICE FACTOR	1.15
INSULATION CLASS	F
FULL LOAD AMPS; 230 / 460 / 796	14.9 / 7.5 / 4.3 A
LOCKED ROTOR AMPS (STARTING); 230 / 460 / 796	84.8 / 42.4 / 24.5 A
NO LOAD CURRENT	6.0 / 3.0 / 1.7 A
NEMA CODE LETTER	J
EFFICIENCY / POWER FACTOR	<u>LOAD</u> <u>EFF.</u> <u>P.F.</u>
	100% 87.5% 0.71
	75% 88.4% 0.66
	50% 86.8% 0.55
DUTY CYCLE	CONTINUOUS
TORQUE	<u>FULL LOAD</u> <u>LRT</u> <u>BDT</u>
	31.3 N.m 278% 274%
SLIP	6.00%
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)	44° C
DE BEARING	6308
ODE BEARING	6306
REGREASING INT. - DE BEARING	---
REGREASING INT. - ODE BEARING	---
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	158 lbs. (180 lbs. Crated)
INVERTER RATING	10:1 CT / 20:1 VT PWM Type





WORLDWIDE ELECTRIC MOTOR DRAWING

OW-215T



DIMENSIONS - INCHES

MOUNTING					A	B	C	D	G	K
E	2F1	2F2	H	BA						
4.25	5.5	7	0.43	3.5	9.88	8.405	20.27	5.25	0.708	M5

KEYSET	KEY		U	N-W	P	AB	AA	L	J	O	Y
	R	ES									
1.201	2.375	0.3122	1.375	3.38	10.8	9.8	1	10.63	1.91	1.77	2.13

REVISED - 03/17/16