



WORLDWIDE ELECTRIC MOTOR DATA SHEET

OW10-12-256T



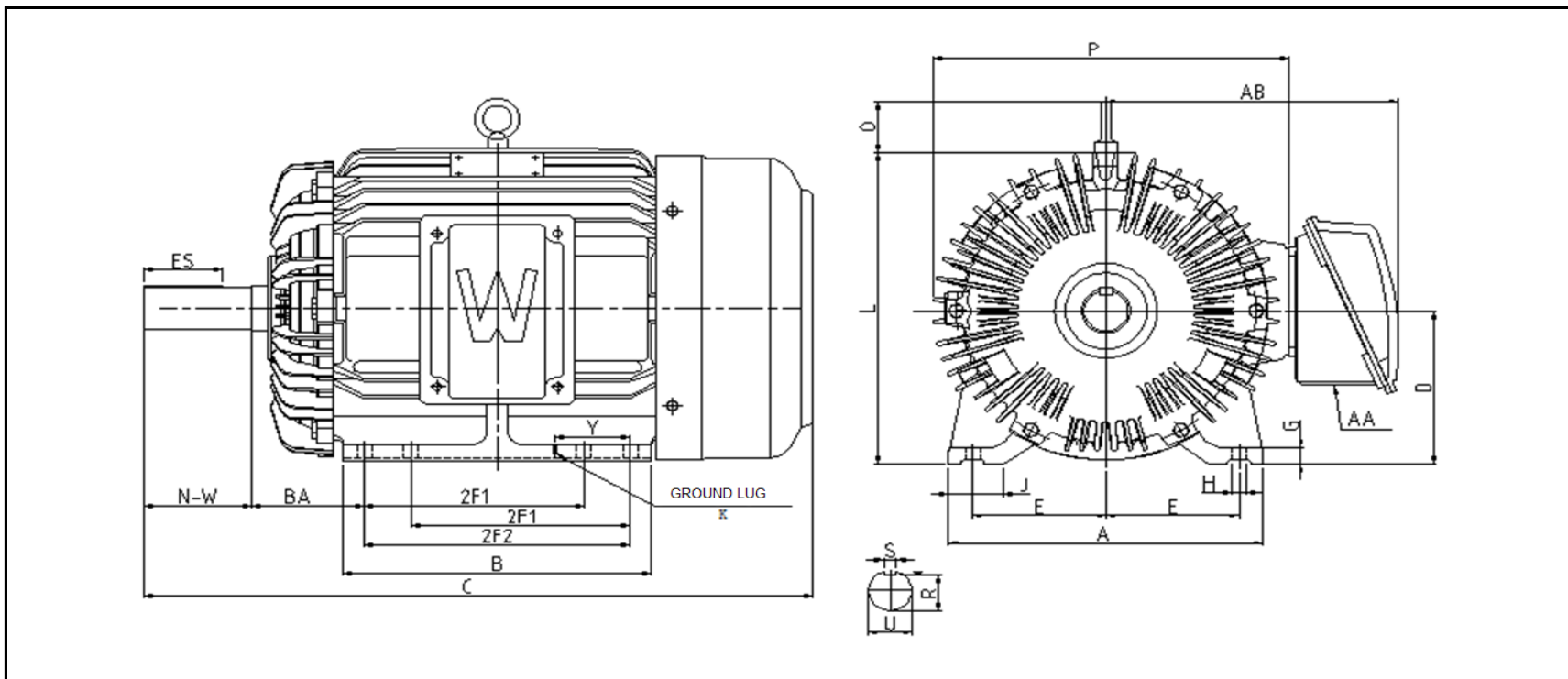
HORSEPOWER	10
RPM / POLES	1200 / 6
VOLTAGE / PHASE	230 / 460 / 796 V / 3
FRAME	256T
ENCLOSURE / DEGREE OF PROTECTION	TEFC / IP55
FREQUENCY	60 HZ Suitable For 50 HZ Operation With 1.0 SF
FULL LOAD SPEED	1139 RPM
SERVICE FACTOR	1.15
INSULATION CLASS	F
FULL LOAD AMPS; 230 / 460 / 796	27.8 / 13.9 / 8.0 A
LOCKED ROTOR AMPS (STARTING); 230 / 460 / 796	172.8 / 86.4 / 49.9 A
NO LOAD CURRENT	13.8 / 6.9 / 4.0 A
NEMA CODE LETTER	H
EFFICIENCY / POWER FACTOR	<u>LOAD</u> <u>EFF.</u> <u>P.F.</u>
	100% 86.5% 0.78
	75% 85.8% 0.72
	50% 85.6% 0.61
DUTY CYCLE	CONTINUOUS
TORQUE	<u>FULL LOAD</u> <u>LRT</u> <u>BDT</u>
	63.2 N.m 354% 344%
SLIP	5.60%
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)	49° C
DE BEARING	6309
ODE BEARING	6307
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	286 lbs. (319 lbs. Crated)
INVERTER RATING	10:1 CT / 20:1 VT PWM Type





WORLDWIDE ELECTRIC MOTOR DRAWING

OW-256T



DIMENSIONS - INCHES

MOUNTING					A	B	C	D	G	K
E	2F1	2F2	H	BA						
5	8.25	10	0.53	4.25	11.8	11.57	25.39	6.25	0.669	M6

KEYSET	KEY		U	N-W	P	AB	AA	L	J	O	Y
R	ES	S									
1.416	2.91	0.375	1.625	4	13.46	10.57	1 1/2	12.83	2.038	2.165	2.83

REVISED - 03/17/16