



WORLDWIDE ELECTRIC MOTOR DATA SHEET



OW10-12-256T

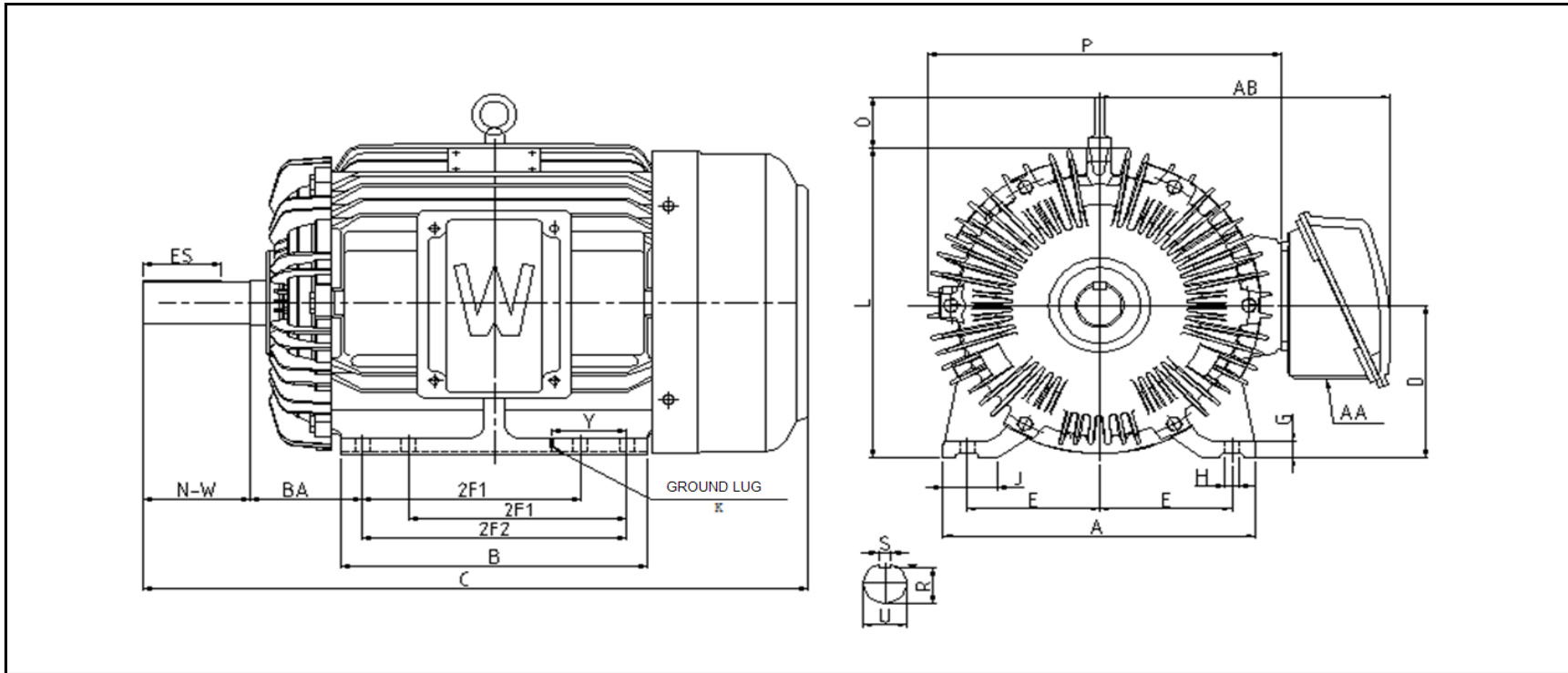
HORSEPOWER	10		
RPM / POLES	1200 / 6		
VOLTAGE / PHASE	230 / 460 / 796 V / 3		
FRAME	256T		
ENCLOSURE / DEGREE OF PROTECTION	TEFC / IP55		
FREQUENCY	60 HZ Suitable For 50 HZ Operation With 1.0 SF		
FULL LOAD SPEED	1139 RPM		
SERVICE FACTOR	1.15		
INSULATION CLASS	F		
FULL LOAD AMPS; 230 / 460 / 796	27.8 / 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									
1.416	2.91	0.375	1.625	4	13.46	10.57	1 1/2	12.83	2.038	2.165	2.83