



WORLDWIDE ELECTRIC MOTOR DATA SHEET

OW150-12-449T

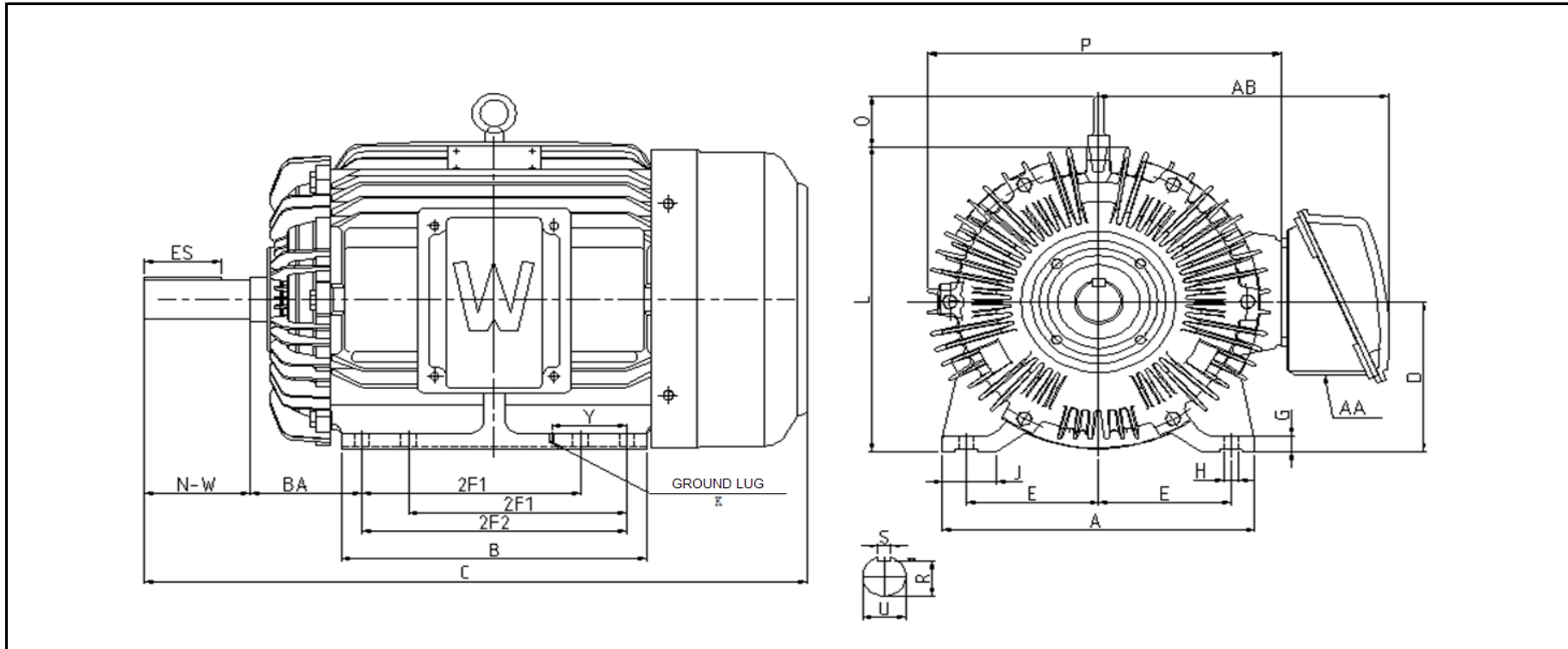


HORSEPOWER	150		
RPM / POLES	1200 / 6		
VOLTAGE / PHASE	230 / 460 / 796 V / 3		
FRAME	449T		
ENCLOSURE / DEGREE OF PROTECTION	TEFC / IP55		
FREQUENCY	60 HZ Suitable For 50 HZ Operation With 1.0 SF		
FULL LOAD SPEED	1136RPM		
SERVICE FACTOR	1.15		
INSULATION CLASS	F		
FULL LOAD AMPS; 230 / 460 / 796	347/173.5/100 A		
LOCKED ROTOR AMPS (STARTING); 230 / 460 / 796	2510/1255/725 A		
NO LOAD CURRENT	147/73.5/42.5 A		
NEMA CODE LETTER	F		
EFFICIENCY / POWER FACTOR	<u>LOAD</u>	<u>EFF.</u>	<u>P.F.</u>
	100%	94.5%	0.87
	75%	94.0%	0.83
	50%	91.2%	0.76
DUTY CYCLE	CONTINUOUS		
TORQUE	<u>FULL LOAD</u>	<u>LRT</u>	<u>BDT</u>
	923.1N.m	468%	495%
SLIP	5.20%		
NEMA DESIGN	D		
MOMENT OF INERTIA	lb.ft. ²		
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	NU320		
ODE BEARING	6316		
REGREASING INT. - DE BEARING	Y		
REGREASING INT. - ODE BEARING	Y		
GREASE TYPE	Mobil Polyrex EM		
MOUNTING	F2 (F1 Suitable)		
ROTATION	Bi-Directional		
SHAFT MATERIAL	45 Steel		
CONNECTION DIAGRAM	230 / 460 V - 12 Lead Δ		
APPROXIMATE WEIGHT	lbs.		
INVERTER RATING	10:1 CT / 20:1 VT PWM Type		



WORLDWIDE ELECTRIC MOTOR DRAWING

OW-449T



MOUNTING											
E	2F1	2F2	H	BA	A	B	C	D	G	K	
9	20	25	0.81	7.5	22.05	29	55.5	11	1.417	M12	

KEYSET	KEY											
	R	ES	S	U	N-W	P	AB	AA	L	J	O	Y
	2.88	6.91	0.875	3.375	8.5	26.2	23.8	2-3	24.2	4.33	2.795	9.4

ALL DIMENSIONS IN INCHES