



WORLDWIDE ELECTRIC MOTOR DATA SHEET



ODP1-18-143T

HORSEPOWER	1		
RPM / POLES	1800 / 4		
VOLTAGE / PHASE	208 - 230 / 460 V / 3		
FRAME	143T		
ENCLOSURE / DEGREE OF PROTECTION	ODP / IP23		
FREQUENCY	60 HZ Suitable For 50 HZ Operation With 1.0 SF		
FULL LOAD SPEED	1742 RPM		
SERVICE FACTOR	1.15 SF 60HZ / 1.0 SF at 50HZ		
INSULATION CLASS	F		
FULL LOAD AMPS; 230 / 460	2.8 / 1.4 A		
LOCKED ROTOR AMPS (STARTING); 230 / 460	21.18 / 10.59 A		
NO LOAD CURRENT	1.40 / 0.70 A		
NEMA CODE LETTER	K		
EFFICIENCY / POWER FACTOR	<u>LOAD</u>	<u>EFF.</u>	<u>P.F.</u>
	100%	85.5%	0.80
	75%	86.2%	0.73
	50%	84.8%	0.62
DUTY CYCLE	S1 / Continuous		
TORQUE	<u>FULL LOAD</u>	<u>LRT</u>	<u>BDT</u>
	3.03 lb.ft.	314%	331%
SLIP	3.202%		
NEMA DESIGN	B		
NUMBER OF STARTS (Hot / Cold)	2 Hot / 3 Cold		
MAX. AMBIENT TEMPERATURE	40° C		
MAX. ELEVATION	3300 Ft. Above Sea Level		
TEMPERATURE RISE (At Full Load)	80° C		
DE BEARING	6205ZZ		
ODE BEARING	6204ZZ		
GREASE TYPE	NS7 ENS		
MOUNTING	F1		
ROTATION	Bi-Directional		
APPROXIMATE WEIGHT	33.1 lbs.		
AREA CLASSIFICATION	Non-Hazardous		
INVERTER RATING	10:1 CT / 20:1 VT PWM Type		
SPECIFICATION - In Accordance With	NEMA, UR		

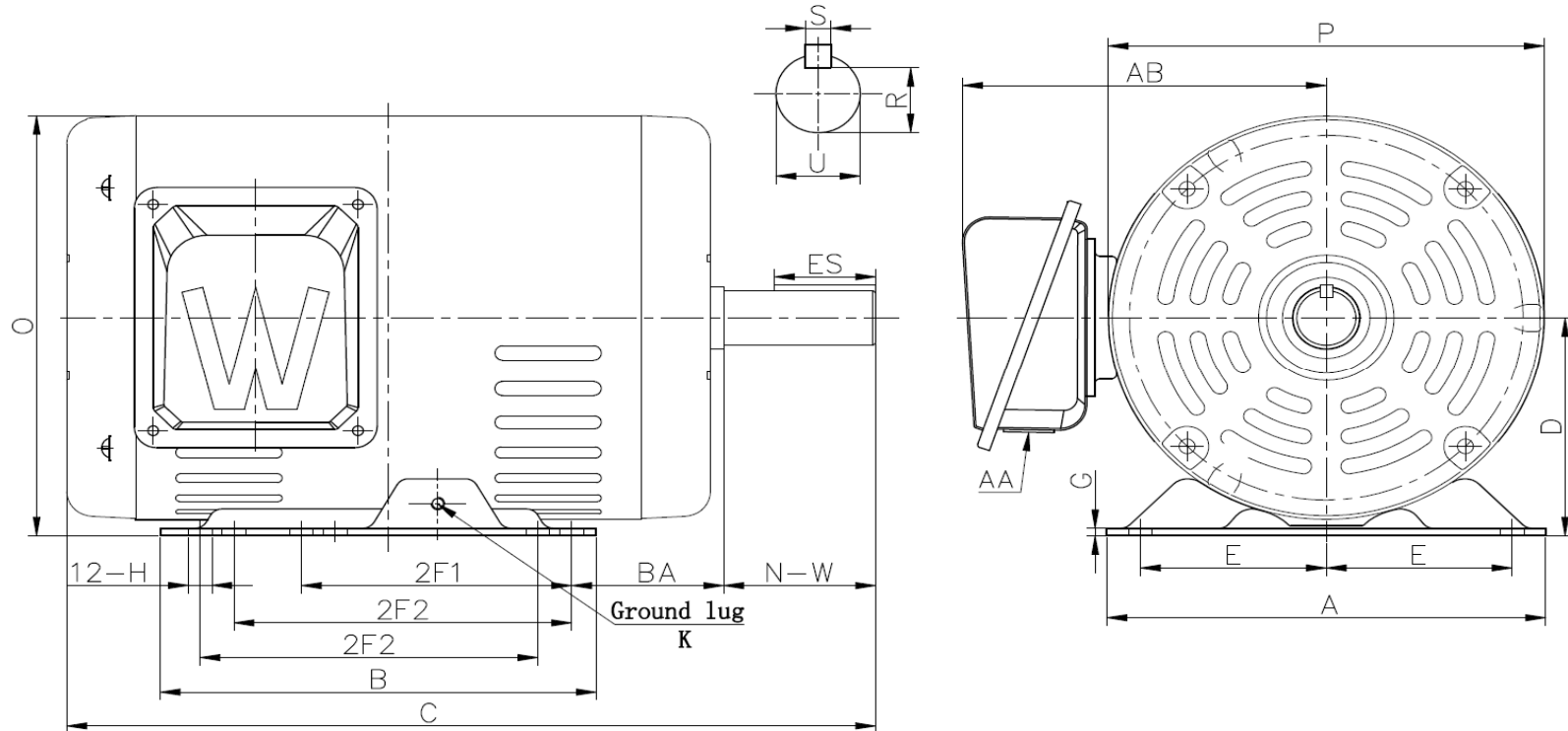


AUGUST 18, 2020



WORLDWIDE ELECTRIC MOTOR DRAWING

ODP-143T



ALL DIMENSIONS IN INCHES

MOUNTING					A	B	C	D	G	K
E	2F1	2F2	H	BA						
2.75	4	5	0.34	2.25	6.5	6.5	11.974	3.5	0.118	M5

KEYSET	KEY				N-W	P	AB	AA	O
	R	ES	S	U					
0.771	1.41	0.188	0.875	2.25	6.4	5.384	1.09	6.7	