



WORLDWIDE ELECTRIC MOTOR DATA SHEET



ODP3-36-145T

HORSEPOWER	3		
RPM / POLES	3600 / 2		
VOLTAGE / PHASE	208 - 230 / 460 V / 3		
FRAME	145T		
ENCLOSURE / DEGREE OF PROTECTION	ODP / IP23		
FREQUENCY	60 HZ Suitable For 50 HZ Operation With 1.0 SF		
FULL LOAD SPEED	3441 RPM		
SERVICE FACTOR	1.15 SF 60HZ / 1.0 SF at 50HZ		
INSULATION CLASS	F		
FULL LOAD AMPS; 230 / 460	7.4 / 3.7 A		
LOCKED ROTOR AMPS (STARTING); 230 / 460	63.26 / 31.63 A		
NO LOAD CURRENT	3.02 / 1.51 A		
NEMA CODE LETTER	K		
EFFICIENCY / POWER FACTOR	<u>LOAD</u>	<u>EFF.</u>	<u>P.F.</u>
	100%	85.5%	0.86
	75%	87.7%	0.81
	50%	87.7%	0.70
DUTY CYCLE	S1 / Continuous		
TORQUE	<u>FULL LOAD</u>	<u>LRT</u>	<u>BDT</u>
	4.50 lb.ft.	402%	495%
SLIP	4.412%		
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	39.7 lbs.		
AREA CLASSIFICATION	Non-Hazardous		
INVERTER RATING	10:1 CT / 20:1 VT PWM Type		
SPECIFICATION - In Accordance With	NEMA, UR		

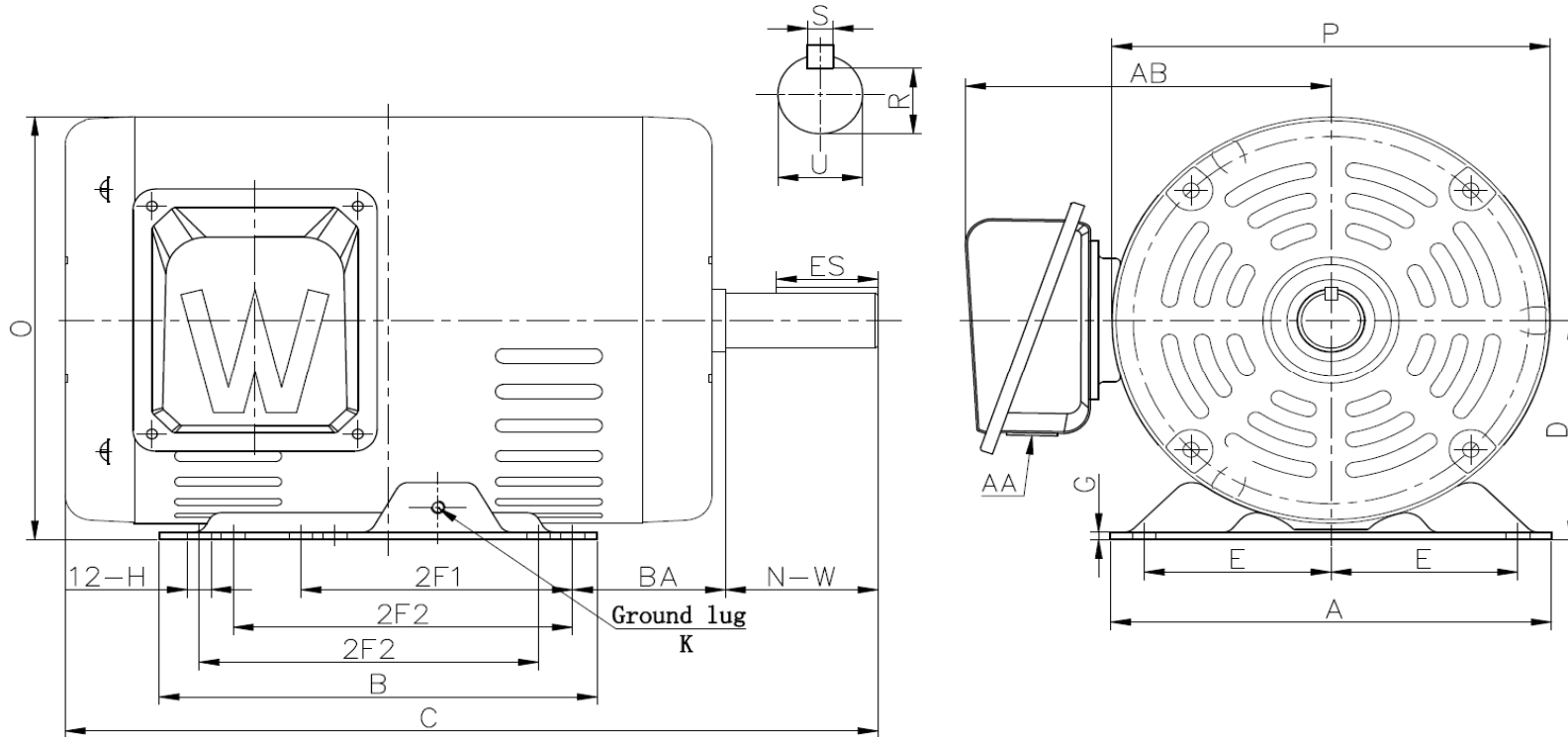


JULY 30, 2020



WORLDWIDE ELECTRIC MOTOR DRAWING

ODP-145T



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				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