



WORLDWIDE ELECTRIC MOTOR DATA SHEET

ODP7.5-18-213T



HORSEPOWER	7.5
RPM / POLES	1800 / 4
VOLTAGE / PHASE	208 - 230 / 460 V / 3
FRAME	213T
ENCLOSURE / DEGREE OF PROTECTION	ODP / IP23
FREQUENCY	60 HZ Suitable For 50 HZ Operation With 1.0 SF
FULL LOAD SPEED	1758 RPM
SERVICE FACTOR	1.15 SF 60HZ / 1.0 SF at 50HZ
INSULATION CLASS	F
FULL LOAD AMPS; 230 / 460	19.6 / 9.8 A
LOCKED ROTOR AMPS (STARTING); 230 / 460	118.62 / 59.31 A
NO LOAD CURRENT	10.56 / 5.28 A
NEMA CODE LETTER	G
EFFICIENCY / POWER FACTOR	<u>LOAD</u> <u>EFF.</u> <u>P.F.</u>
	100% 91.0% 0.78
	75% 91.0% 0.71
	50% 89.5% 0.58
DUTY CYCLE	S1 / Continuous
TORQUE	<u>FULL LOAD</u> <u>LRT</u> <u>BDT</u>
	22.02lb.ft. 356% 368%
SLIP	2.339%
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	6308ZZ
ODE BEARING	6306ZZ
GREASE TYPE	NS7 ENS
MOUNTING	F1
ROTATION	Bi-Directional
APPROXIMATE WEIGHT	140.2 lbs.
AREA CLASSIFICATION	Non-Hazardous
INVERTER RATING	10:1 CT / 20:1 VT PWM Type
SPECIFICATION - In Accordance With	NEMA, UR

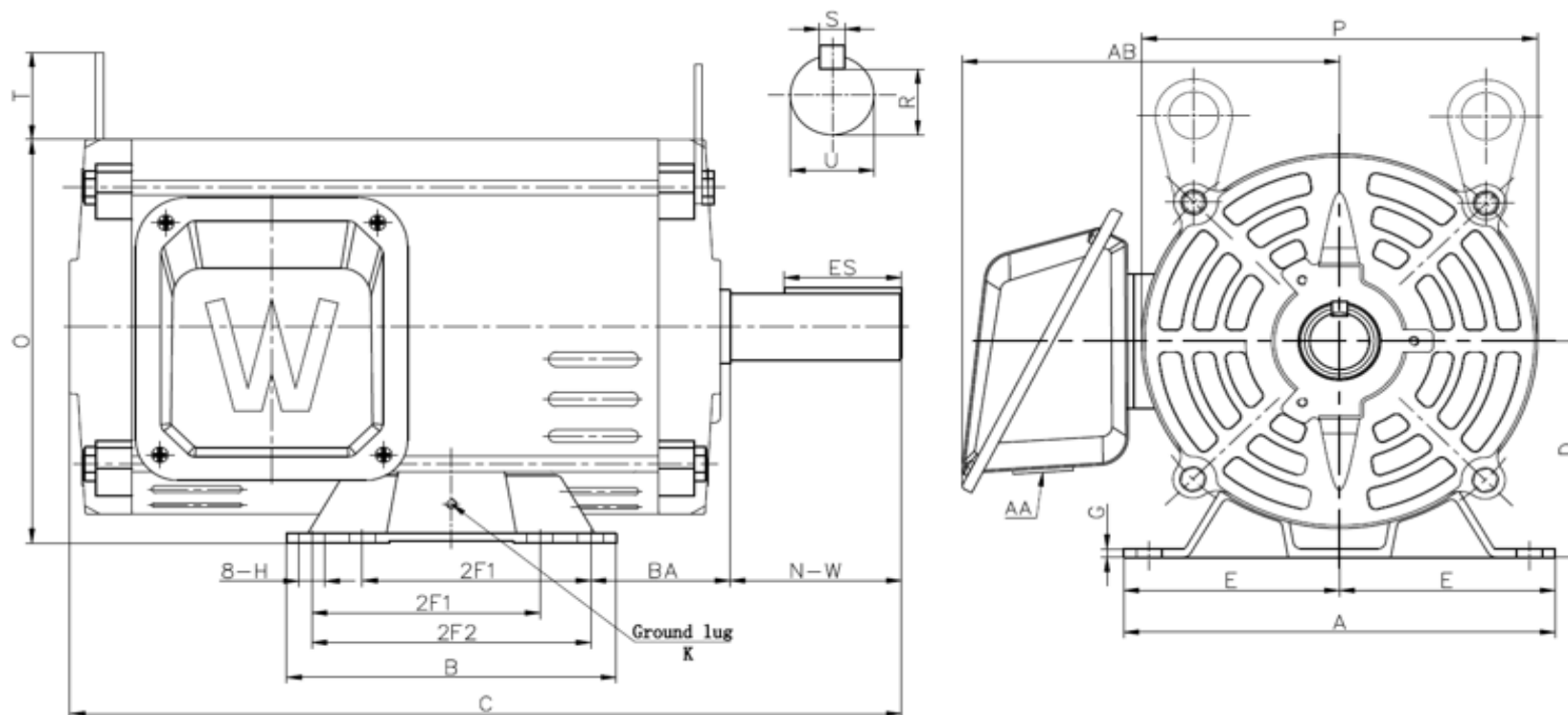


AUGUST 18, 2020



WORLDWIDE ELECTRIC MOTOR DRAWING

ODP-213T



ALL DIMENSIONS IN INCHES

MOUNTING					A	B	C	D	G	K
E	2F1	2F2	H	BA						
4.25	5.5	7	0.43	3.5	9.69	8.18	17.8	5.25	0.18	M5

KEYSET	KEY		U	N-W	P	AB	AA	O	T
R	ES	S							
1.201	2.41	0.312	1.375	3.38	8.975	8.16	1.38	9.74	1.5

REVISED - 09/24/2019