



WORLDWIDE ELECTRIC MOTOR DATA SHEET



ODP7.5-18-213T-F2

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	LOAD	EFF.	P.F.
	100%	91.0%	0.78
	75%	91.0%	0.71
	50%	89.5%	0.58
DUTY CYCLE	S1 / Continuous		
TORQUE	FULL LOAD	LRT	BDT
	22.02 lb.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	F2		
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		

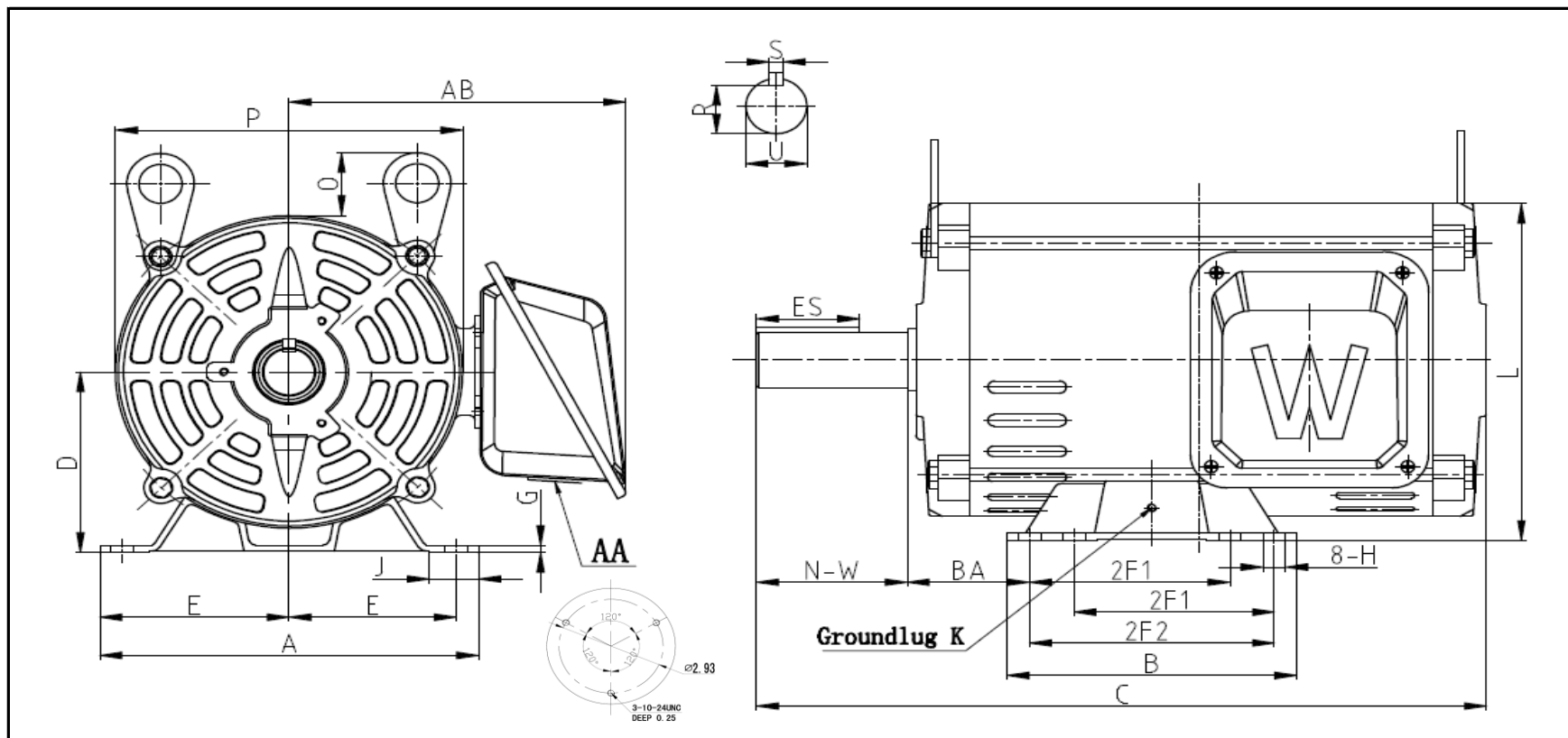


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AUGUST 18, 2020

ODP-213T-F2



DIMENSIONS - INCHES

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

KEYSET	KEY									
R	ES	S	U	N-W	P	AB	AA	L	J	O
1.201	2.41	0.312	1.375	3.38	8.975	8.16	1.38	9.1	1.77	1.3