



WORLDWIDE ELECTRIC MOTOR DATA SHEET

ODP5-18-184T



HORSEPOWER	5
RPM / POLES	1800 / 4
VOLTAGE / PHASE	208 - 230 / 460 V / 3
FRAME	184T
ENCLOSURE / DEGREE OF PROTECTION	ODP / IP23
FREQUENCY	60 HZ Suitable For 50 HZ Operation With 1.0 SF
FULL LOAD SPEED	1745 RPM
SERVICE FACTOR	1.15 SF 60HZ / 1.0 SF at 50HZ
INSULATION CLASS	F
FULL LOAD AMPS; 230 / 460	12.4 / 6.2 A
LOCKED ROTOR AMPS (STARTING); 230 / 460	93.34 / 46.67 A
NO LOAD CURRENT	4.66 / 2.33 A
NEMA CODE LETTER	J
EFFICIENCY / POWER FACTOR	<u>LOAD</u> <u>EFF.</u> <u>P.F.</u>
	100% 89.5% 0.84
	75% 90.5% 0.80
	50% 90.2% 0.70
DUTY CYCLE	S1 / Continuous
TORQUE	<u>FULL LOAD</u> <u>LRT</u> <u>BDT</u>
	14.9 lb.ft. 274% 309%
SLIP	3.061%
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	6306ZZ
ODE BEARING	6305ZZ
GREASE TYPE	NS7 ENS
MOUNTING	F1
ROTATION	Bi-Directional
APPROXIMATE WEIGHT	91.5 lbs.
AREA CLASSIFICATION	Non-Hazardous
INVERTER RATING	10:1 CT / 20:1 VT PWM Type
SPECIFICATION - In Accordance With	NEMA, UR

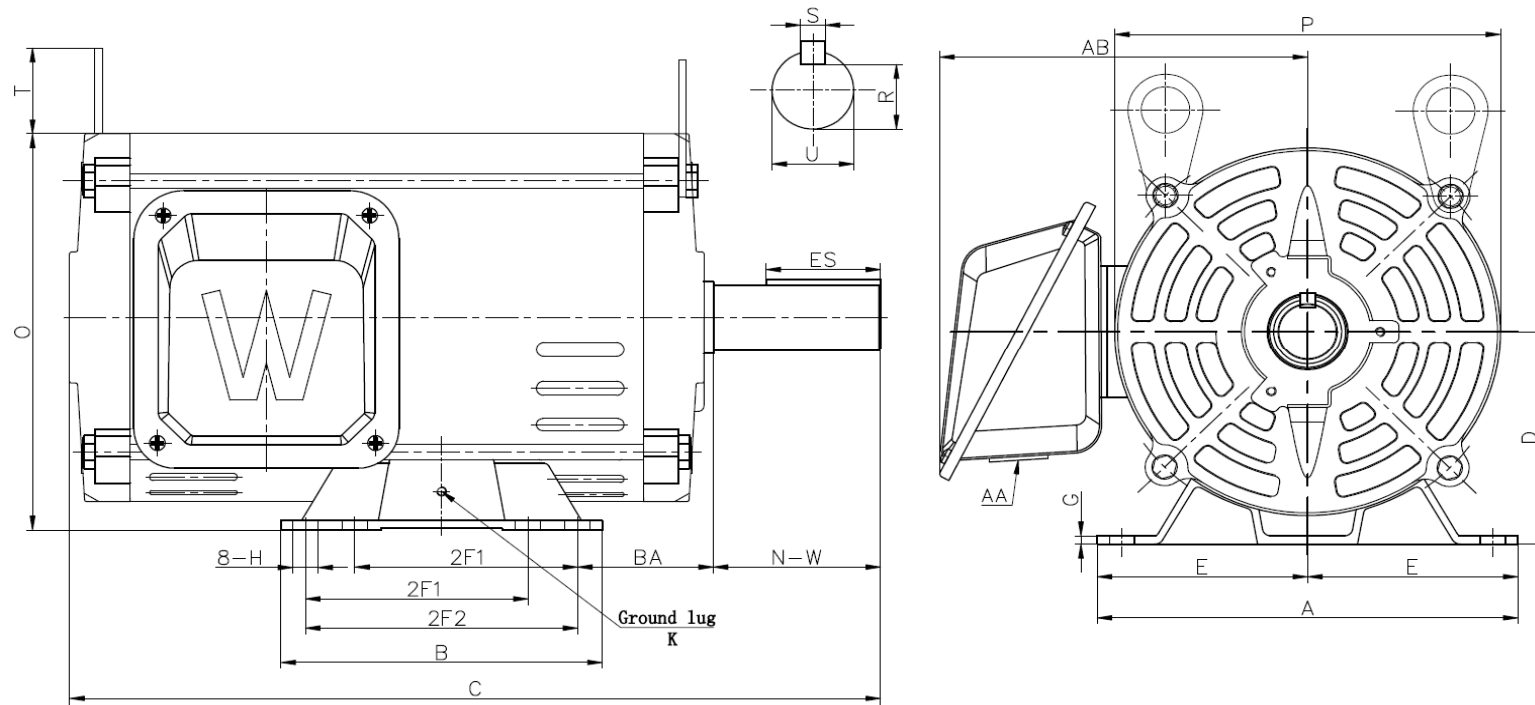


JULY 22, 2020



WORLDWIDE ELECTRIC MOTOR DRAWING

ODP-184T



ALL DIMENSIONS IN INCHES

MOUNTING										
E	2F1	2F2	H	BA	A	B	C	D	G	K
3.75	4.5	5.5	0.41	2.75	8.5	6.495	16.4	4.5	0.41	M5

KEYSET		KEY							
R	ES	S	U	N-W	P	AB	AA	O	T
0.986	1.78	0.25	1.125	2.75	7.72	7.551	1.09	8.4	1.6

REVISED - 09/24/2019