



WORLDWIDE ELECTRIC MOTOR DATA SHEET

ODP20-12-286T



HORSEPOWER	20		
RPM / POLES	1200 / 6		
VOLTAGE / PHASE	208 - 230 / 460 V / 3		
FRAME	286T		
ENCLOSURE / DEGREE OF PROTECTION	ODP / IP23		
FREQUENCY	60 HZ Suitable For 50 HZ Operation With 1.0 SF		
FULL LOAD SPEED	1182 RPM		
SERVICE FACTOR	1.15 SF 60HZ / 1.0 SF at 50HZ		
INSULATION CLASS	F		
FULL LOAD AMPS; 230 / 460	51.0 / 25.5 A		
LOCKED ROTOR AMPS (STARTING); 230 / 460	296.0 / 148.0 A		
NO LOAD CURRENT	22.8 / 11.4 A		
NEMA CODE LETTER	G		
EFFICIENCY / POWER FACTOR	LOAD	EFF.	P.F.
	100%	92.4%	0.80
	75%	92.4%	0.75
	50%	91.2%	0.64
DUTY CYCLE	S1 / Continuous		
TORQUE	FULL LOAD	LRT	BDT
	89.69 lb.ft.	296%	352%
SLIP	1.545%		
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	6311Z		
ODE BEARING	6310Z		
GREASE TYPE	NS7 ENS		
MOUNTING	F1 / F2 Suitable		
ROTATION	Bi-Directional		
APPROXIMATE WEIGHT	330 lbs.		
AREA CLASSIFICATION	Non-Hazardous		
INVERTER RATING	10:1 CT / 20:1 VT PWM Type		
SPECIFICATION - In Accordance With	NEMA, UR		



CC306B

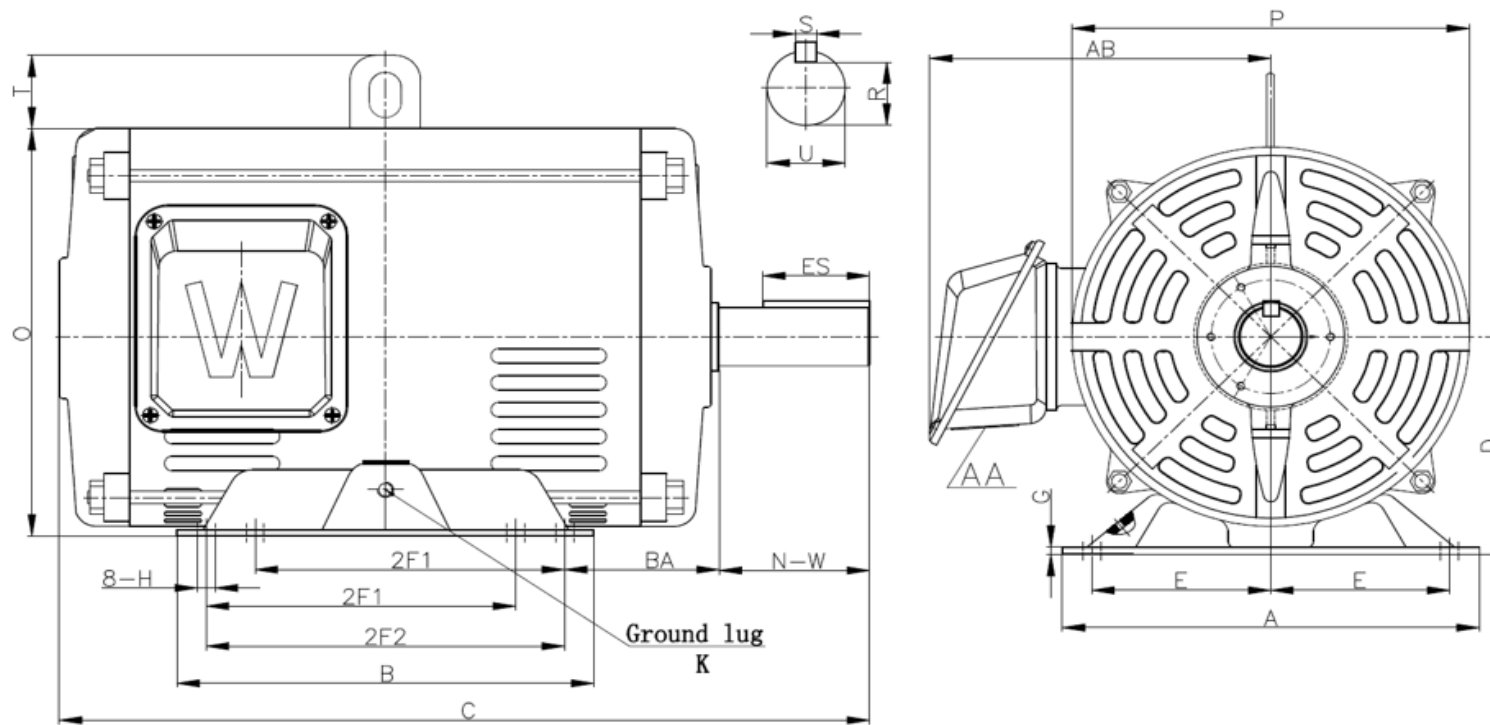


JULY 22, 2020



WORLDWIDE ELECTRIC MOTOR DRAWING

ODP-286T



ALL DIMENSIONS IN INCHES

MOUNTING										
E	2F1	2F2	H	BA	A	B	C	D	G	K
5.5	9.5	11	0.53	4.75	12.8	12.8	25	7	0.24	M6

KEYSET	KEY								
R	ES	S	U	N-W	P	AB	AA	O	T
1.5909	3.28	0.5	1.875	4.62	12.2	11.1	2	13.1	2.36

REVISED - 09/24/2019