



WORLDWIDE ELECTRIC MOTOR DATA SHEET

ODP20-18-256T

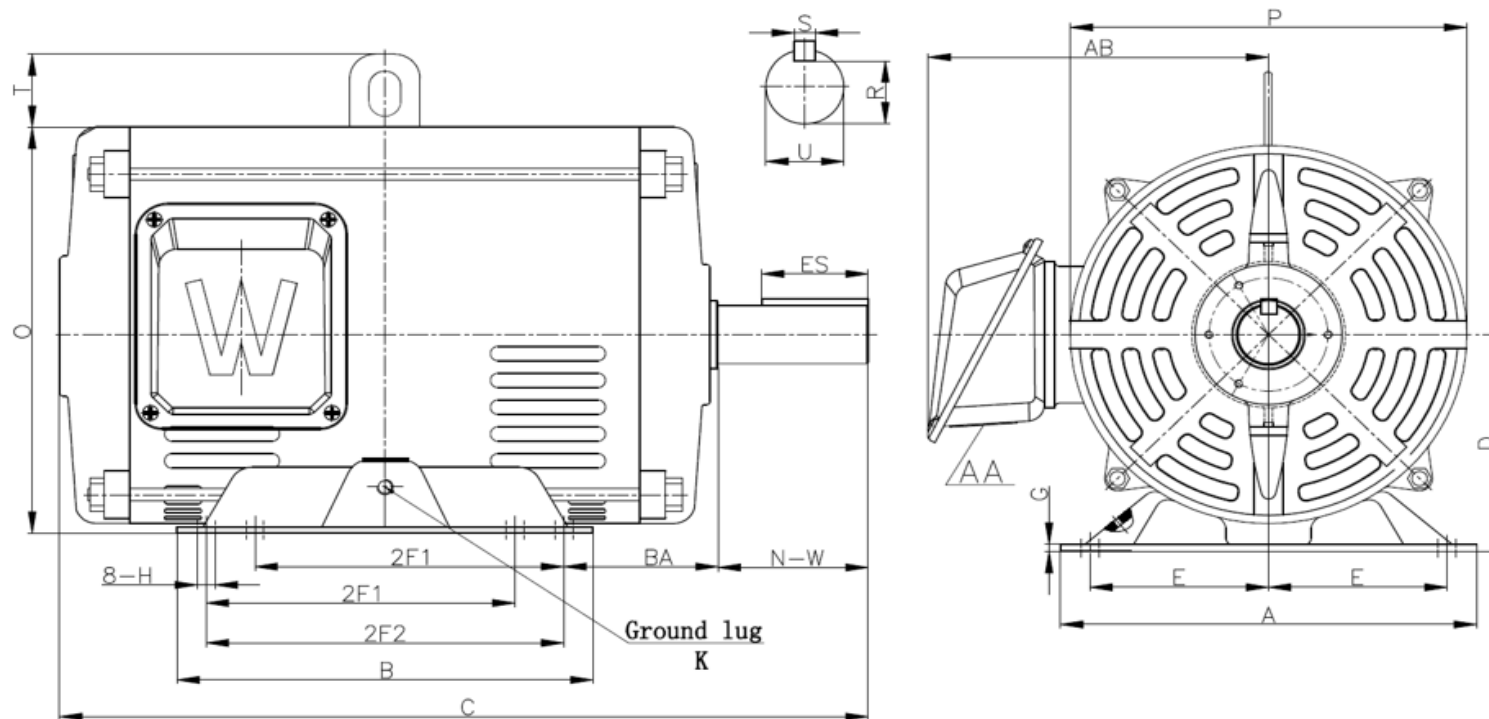


HORSEPOWER	20		
RPM / POLES	1800 / 4		
VOLTAGE / PHASE	208 - 230 / 460 V / 3		
FRAME	256T		
ENCLOSURE / DEGREE OF PROTECTION	ODP / IP23		
FREQUENCY	60 HZ Suitable For 50 HZ Operation With 1.0 SF		
FULL LOAD SPEED	1769 RPM		
SERVICE FACTOR	1.15 SF 60HZ / 1.0 SF at 50HZ		
INSULATION CLASS	F		
FULL LOAD AMPS; 230 / 460	46.6 / 23.3 A		
LOCKED ROTOR AMPS (STARTING); 230 / 460	303.4 / 151.7 A		
NO LOAD CURRENT	13.96 / 6.98 A		
NEMA CODE LETTER	G		
EFFICIENCY / POWER FACTOR	LOAD	EFF.	P.F.
	100%	93.0%	0.86
	75%	94.4%	0.84
	50%	94.3%	0.77
DUTY CYCLE	S1 / Continuous		
TORQUE	FULL LOAD	LRT	BDT
	59.67 lb.ft.	259%	299%
SLIP	1.723%		
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	6309Z		
ODE BEARING	6307Z		
GREASE TYPE	NS7 ENS		
MOUNTING	F1 / F2 Suitable		
ROTATION	Bi-Directional		
APPROXIMATE WEIGHT	260.1 lbs.		
AREA CLASSIFICATION	Non-Hazardous		
INVERTER RATING	10:1 CT / 20:1 VT PWM Type		
SPECIFICATION - In Accordance With	NEMA, UR		



WORLDWIDE ELECTRIC MOTOR DRAWING

ODP-256T



ALL DIMENSIONS IN INCHES

MOUNTING					A	B	C	D	G	K
E	2F1	2F2	H	BA						
5	8.25	10	0.53	4.25	12.05	11.57	22.3	6.25	0.236	M6

KEYSET		KEY		U	N-W	P	AB	AA	O	T
R	ES	S								
1.416	2.91	0.375		1.625	4	10.63	9.7	1.38	11.6	2.36

REVISED - 09/24/2019