



WORLDWIDE ELECTRIC MOTOR DATA SHEET

ODP50-36-324TS

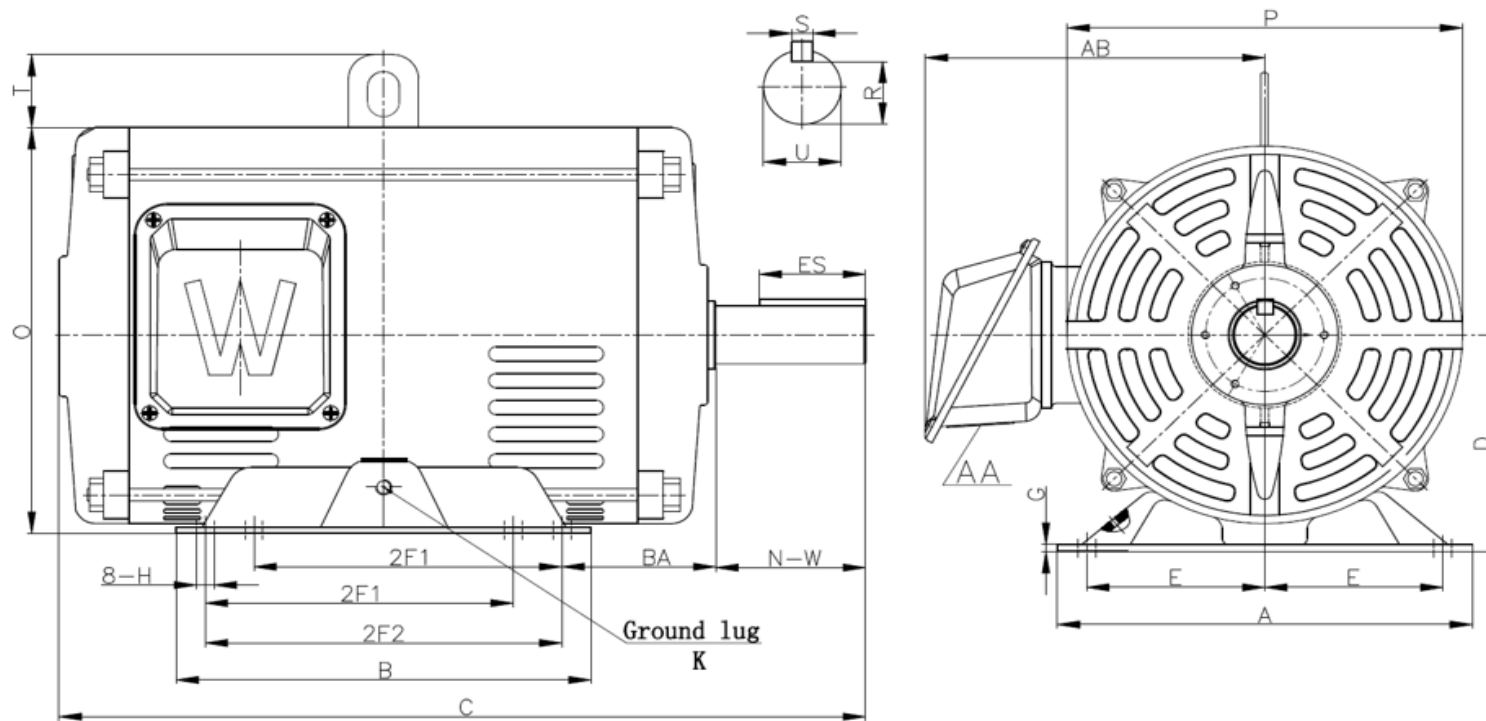


HORSEPOWER	50		
RPM / POLES	3600 / 2		
VOLTAGE / PHASE	208 - 230 / 460 V / 3		
FRAME	324TS		
ENCLOSURE / DEGREE OF PROTECTION	ODP / IP23		
FREQUENCY	60 HZ Suitable For 50 HZ Operation With 1.0 SF		
FULL LOAD SPEED	3556 RPM		
SERVICE FACTOR	1.15 SF 60HZ / 1.0 SF at 50HZ		
INSULATION CLASS	F		
FULL LOAD AMPS; 230 / 460	112.2 / 56.1 A		
LOCKED ROTOR AMPS (STARTING); 230 / 460	750.6 / 375.3 A		
NO LOAD CURRENT	28.4 / 14.2 A		
NEMA CODE LETTER	G		
EFFICIENCY / POWER FACTOR	LOAD	EFF.	P.F.
	100%	93.0%	0.89
	75%	93.0%	0.88
	50%	91.9%	0.83
DUTY CYCLE	S1 / Continuous		
TORQUE	FULL LOAD	LRT	BDT
	73.15 lb.ft.	427%	483%
SLIP	1.229%		
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	6314Z		
ODE BEARING	6212Z		
GREASE TYPE	NS7 ENS		
MOUNTING	F1 / F2 Suitable		
ROTATION	Bi-Directional		
APPROXIMATE WEIGHT	418 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-324TS



ALL DIMENSIONS IN INCHES

MOUNTING					A	B	C	D	G	K
E	2F1	2F2	H	BA						
6.25	10.5	12	0.66	5.25	15.08	14	26.3	8	0.275	M8

KEYSET	KEY		U	N-W	P	AB	AA	O	T
	ES	S							
1.591	2.03	0.5	1.875	3.75	14	13.1	2.5	15	2.36

REVISED - 09/24/2019