



WORLDWIDE ELECTRIC MOTOR DATA SHEET

ODP125-18-405T

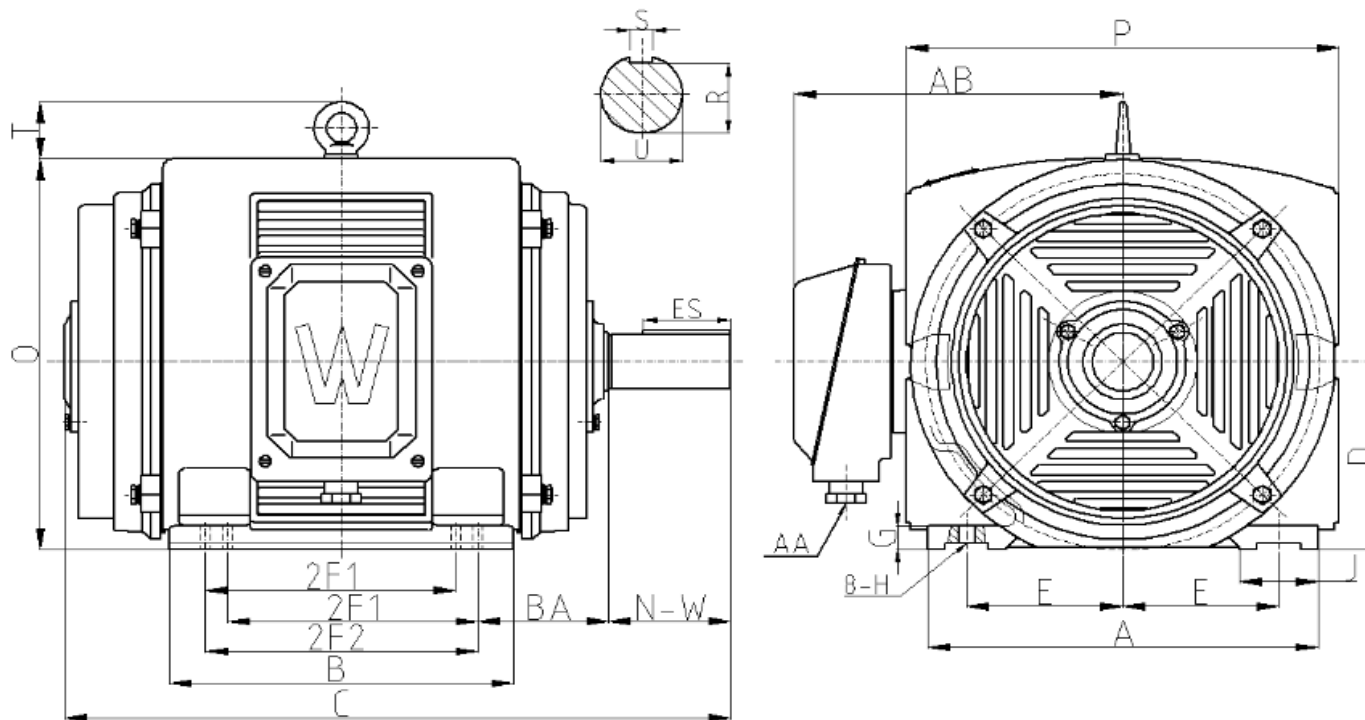


HORSEPOWER	125
RPM / POLES	1800 / 4
VOLTAGE / PHASE	208 - 230 / 460 V / 3
FRAME	405T
ENCLOSURE / DEGREE OF PROTECTION	ODP / IP23
FREQUENCY	60 HZ Suitable For 50 HZ Operation With 1.0 SF
FULL LOAD SPEED	1788 RPM
SERVICE FACTOR	1.15 SF 60HZ / 1.0 SF at 50HZ
INSULATION CLASS	F
FULL LOAD AMPS; 230 / 460	272.4 / 136.2 A
LOCKED ROTOR AMPS (STARTING); 230 / 460	1560.4 / 780.2 A
NO LOAD CURRENT	78.8 / 39.4 A
NEMA CODE LETTER	E
EFFICIENCY / POWER FACTOR	<u>LOAD</u> <u>EFF.</u> <u>P.F.</u>
	100% 95.4% 0.87
	75% 95.9% 0.85
	50% 95.6% 0.79
DUTY CYCLE	S1 / Continuous
TORQUE	<u>FULL LOAD</u> <u>LRT</u> <u>BDT</u>
	353.1lb.ft. 230.0% 275.0%
SLIP	0.696%
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	6316
ODE BEARING	6313
GREASE TYPE	Mobil Polyrex EM
MOUNTING	F1 / F2 Suitable
ROTATION	Bi-Directional
APPROXIMATE WEIGHT	1085lbs.
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-405T



ALL DIMENSIONS IN INCHES

MOUNTING					A	B	C	D	G
E	2F1	2F2	H	BA					
8	12.25	13.75	0.81	6.62	20	17.6	33.7	10	1.181

KEYSET	KEY		U	N-W	P	AB	AA	O	J	T
R	ES	S								
2.45	5.65	0.75	2.875	7.25	21.3	16.93	3	20.3	3.937	3

REVISED - 09/24/2019