



WORLDWIDE ELECTRIC MOTOR DATA SHEET

FD2-18-182T



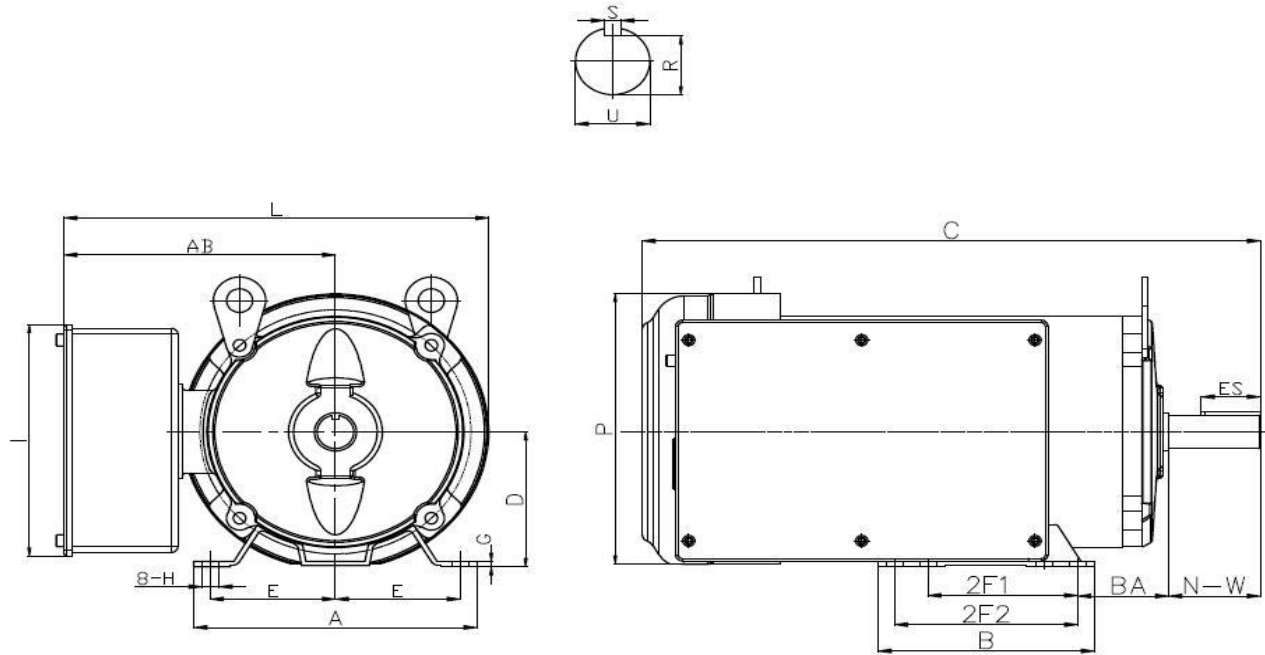
HORSEPOWER	2
RPM / POLES	1800 / 4
VOLTAGE / PHASE	208-230 V / 1
FRAME	182T
ENCLOSURE / DEGREE OF PROTECTION	TEFC / IP55
FREQUENCY	60 HZ
FULL LOAD SPEED	1764 RPM
SERVICE FACTOR	1.15
INSULATION CLASS	F
FULL LOAD AMPS	8.5 A
LOCKED ROTOR AMPS (STARTING)	78.6 A
NO LOAD CURRENT	3.0 A
NEMA CODE LETTER	L
EFFICIENCY / POWER FACTOR	<u>LOAD</u> <u>EFF.</u> <u>P.F.</u>
	100% 84.0% 0.92
	75% 82.4% 0.90
	50% 77.1% 0.84
DUTY CYCLE	CONTINUOUS
TORQUE	<u>FULL LOAD</u> <u>LRT</u> <u>BDT</u>
	6.01 lb.ft. 363% 368%
MAX. AMBIENT TEMPERATURE	40° C
MAX. ELEVATION	3300 Ft. Above Sea Level
TEMPERATURE RISE (At Full Load)	80° C
BASE TYPE	Rigid Base
CAPACITOR (START)	250uF / 300/300V
CAPACITOR (RUN)	25uF / 450V
DE BEARINGS	6306ZZ
ODE BEARING	6206ZZ
REGREASING INT. - DE BEARING	---
REGREASING INT. - ODE BEARING	---
GREASE TYPE	Multemp SRL
MOUNTING	F1
ROTATION	Bi-Directional
SHAFT MATERIAL	1045 Carbon Steel
CONNECTION DIAGRAM	230 V - 6 Lead
APPROXIMATE WEIGHT	54 lbs.





WORLDWIDE ELECTRIC MOTOR DRAWING

FD-182T



DIMENSIONS - INCHES

MOUNTING									
E	2F1	2F2	H	BA	A	B	C	D	G
3.75	4.5	5.5	0.41	2.75	8.5	6.5	18.6	4.5	0.41

KEYSET	KEY								
R	ES	S	U	N-W	P	AB	I	L	
0.986	1.78	0.25	1.125	2.75	9	8.2	7.7	12.8	

REVISED - 03/06/18