



WORLDWIDE ELECTRIC MOTOR DATA SHEET

FD7.5-18-215TZ



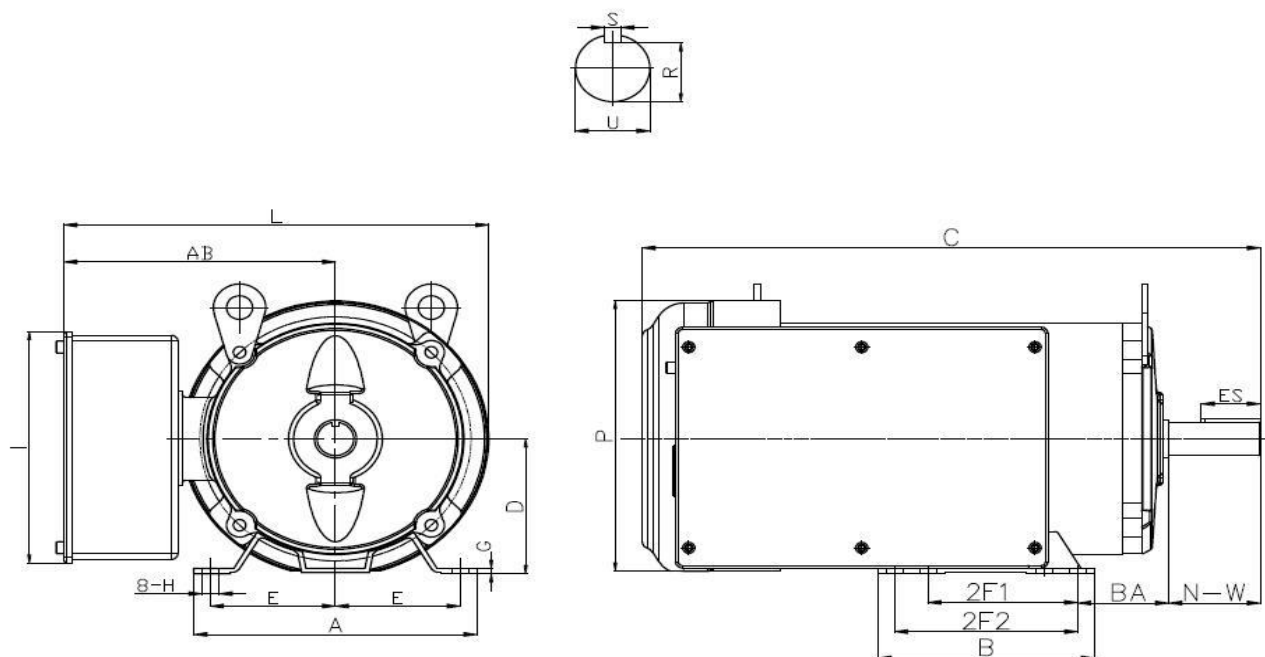
HORSEPOWER	7.5
RPM / POLES	1800 / 4
VOLTAGE / PHASE	208-230 V / 1
FRAME	215TZ
ENCLOSURE / DEGREE OF PROTECTION	TEFC / IP55
FREQUENCY	60 HZ
FULL LOAD SPEED	1767 RPM
SERVICE FACTOR	1.15
INSULATION CLASS	F
FULL LOAD AMPS	28.7 A
LOCKED ROTOR AMPS (STARTING)	238.5 A
NO LOAD CURRENT	8.19 A
NEMA CODE LETTER	J
EFFICIENCY / POWER FACTOR	<u>LOAD</u> <u>EFF.</u> <u>P.F.</u>
	100% 86.6% 0.96
	75% 85.4% 0.95
	50% 80.2% 0.91
DUTY CYCLE	CONTINUOUS
TORQUE	<u>FULL LOAD</u> <u>LRT</u> <u>BDT</u>
	21.91 lb.ft. 378% 375%
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)	400uF / 330V
CAPACITOR (RUN)	45uF / 500V
DE BEARINGS	6308ZZ
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	134 lbs.





WORLDWIDE ELECTRIC MOTOR DRAWING

FD-215TZ



DIMENSIONS - INCHES

MOUNTING									
E	2F1	2F2	H	BA	A	B	C	D	G
4.25	5.5	7	0.43	3.5	9.69	8.18	20.46	5.25	0.18

KEYSET	KEY								
R	ES	S	U	N-W	P	AB	I	L	
1.201	2.41	0.312	1.125	3.38	10.55	8.9	9.33	14.17	

REVISED - 03/06/18