WORLDWIDE ELECTRIC MOTOR DATA SHEET

IXPEWWE10-18-215TC

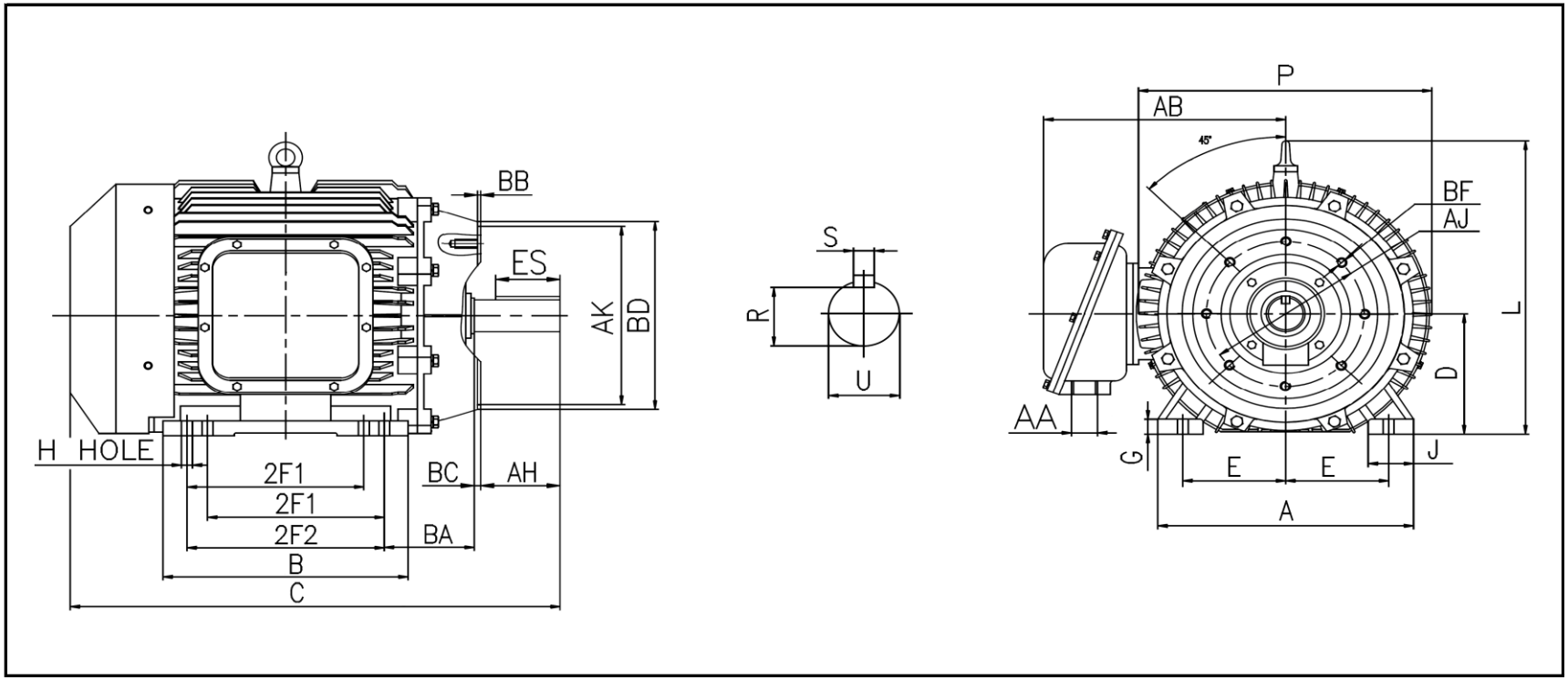
HORSEPOWER	**10**		
RPM / POLES	**1800 / 4**		
VOLTAGE / PHASE	**230 / 460 V / 3**		
FRAME	**215TC**		
ENCLOSURE / DEGREE OF PROTECTION	**TEFC / IP55**		
FREQUENCY	**60 HZ Suitable For 50 HZ Operation With 1.0 SF**		
FULL LOAD SPEED	**1772 RPM**		
SERVICE FACTOR	**1.15 SF**		
INSULATION CLASS	**F**		
FULL LOAD AMPS	**24.4 / 12.2 A**		
LOCKED ROTOR AMPS (STARTING)	**162 / 81 A**		
NO LOAD CURRENT			
NEMA CODE LETTER	**H**		
EFFICIENCY / POWER FACTOR	LOAD	EFF.	P.F.
	100%	**91.7%**	**0.86**
	75%	**92.0%**	**0.86**
	50%	**90.0%**	**0.78**
DUTY CYCLE	**S1 / Continuous**		
TORQUE	FULL LOAD	LRT	BDT
	29.8 lb.ft.	**165%**	**200%**
SLIP	**1.56%**		
NEMA DESIGN	**B**		
MOMENT OF INERTIA			
NUMBER OF STARTS (Hot / Cold)	**1 Hot / 2 Cold (Per Hour)**		
MAX. AMBIENT TEMPERATURE	**40° C**		
MAX. ELEVATION	**3300 Ft. Above Sea Level**		
TEMPERATURE RISE (At Full Load)	**80° C**		
DE BEARING	**6308-ZZ**		
ODE BEARING	**6308-ZZ**		
GREASE TYPE	**Mobil Polyrex EM**		
MOUNTING	**F1 (F2 Convertible through UL Certified Shop Only)**		
ROTATION	**Bi-Directional**		
APPROXIMATE WEIGHT	**262 lbs.**		
TEMPERATURE CODE AT 40°C AMBIENT	**T3C**		
TEMPERATURE CODE AT 55°C AMBIENT	**T3C**		
AREA CLASSIFICATION	**Class I, Division I, Groups C & D**		
	Class II, Division I, Groups F & G		
INVERTER RATING	**5:1 CT / 10:1 VT PWM Type**		

UL LISTED E301984 CE ee CC039B

November 30, 2016

WORLDWIDE ELECTRIC MOTOR DRAWING

IXPEWWE-215TC



MOUNTING												
E	2F1	2F2	H	BA	A	B	C	D	G	J	L	P
4.25	5.5	7	0.41	3.5	10.4	9.3	21.85	5.25	0.866	2.4	13	12.2

			KEY		KEYSEAT	FLANGE					SHAFT	
AA	AB	BC	ES	S	R	AJ	AK	BB	BD	BF	AH	U
1	11.4	0.25	2.41	0.312	1.201	7.25	8.5	0.25	9	4x1/2"-13	3.12	1.375

ALL DIMENSIONS IN INCHES