



WORLDWIDE ELECTRIC MOTOR DATA SHEET

IXPEWWE2-18-145TC



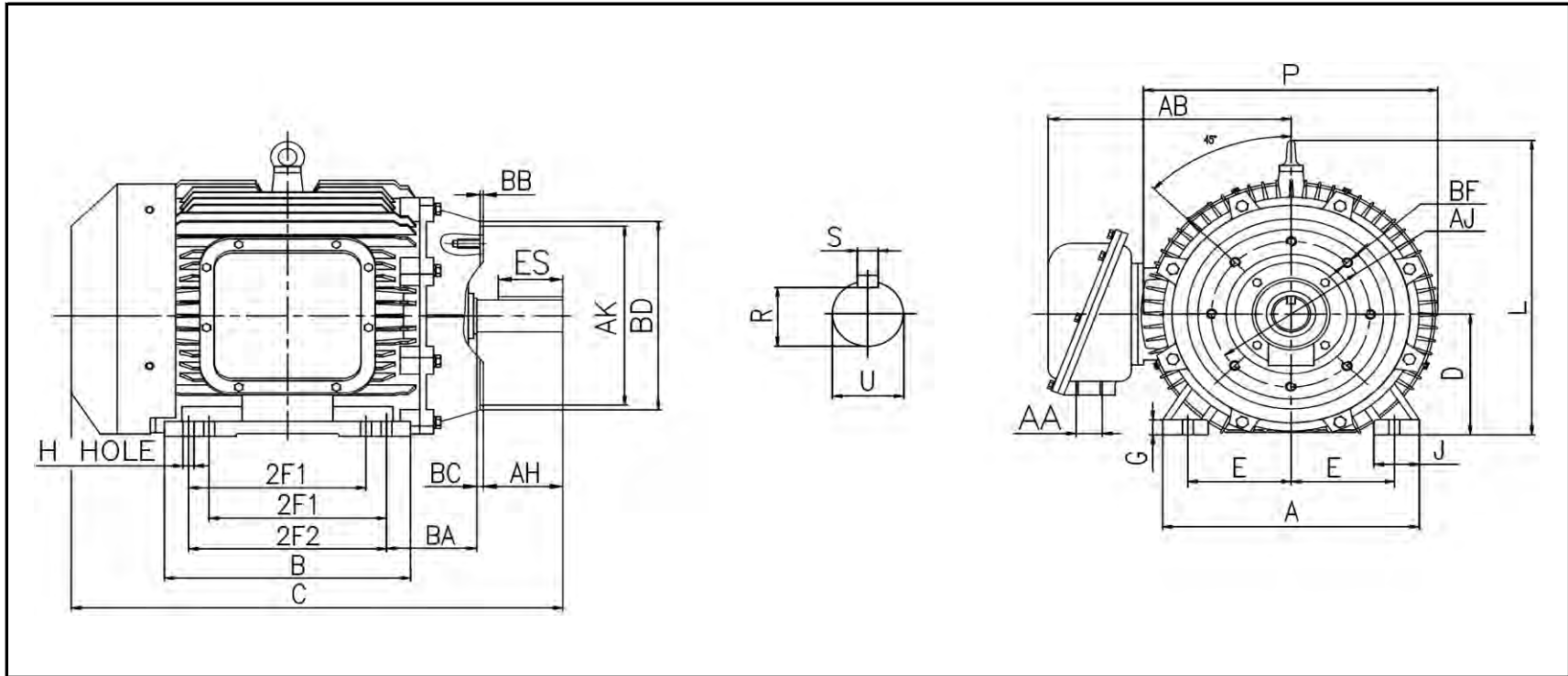
HORSEPOWER	2		
RPM / POLES	1800 / 4		
VOLTAGE / PHASE	230 / 460 V / 3		
FRAME	145TC		
ENCLOSURE / DEGREE OF PROTECTION	TEFC / IP55		
FREQUENCY	60 HZ Suitable For 50 HZ Operation With 1.0 SF		
FULL LOAD SPEED	1765 RPM		
SERVICE FACTOR	1.15 SF		
INSULATION CLASS	F		
FULL LOAD AMPS	5.2 / 2.6 A		
LOCKED ROTOR AMPS (STARTING)	50.0 / 25.0 A		
NO LOAD CURRENT			
NEMA CODE LETTER	L		
EFFICIENCY / POWER FACTOR	<u>LOAD</u>	<u>EFF.</u>	<u>P.F.</u>
	100%	86.5%	0.80
	75%	86.0%	0.71
	50%	84.0%	0.58
DUTY CYCLE	S1 / Continuous		
TORQUE	<u>FULL LOAD</u>	<u>LRT</u>	<u>BDT</u>
	6.0 lb.ft.	235%	270%
SLIP	1.94%		
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	6205-ZZ		
ODE BEARING	6205-ZZ		
GREASE TYPE	Mobil Polyrex EM		
MOUNTING	F1		
ROTATION	Bi-Directional		
APPROXIMATE WEIGHT	88 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		





WORLDWIDE ELECTRIC MOTOR DRAWING

IXPEWWE-145TC



MOUNTING					A	B	C	D	G	J	L	P
E	2F1	2F2	H	BA								
2.75	4	5	0.34	2.25	6.9	6.89	15.35	3.5	0.472	1.42	9.25	7.56

			KEY		KEYSEAT	FLANGE					SHAFT	
AA	AB	BC	ES	S	R	AJ	AK	BB	BD	BF	AH	U
0.75	8.07	0.12	1.41	0.188	0.771	5.875	4.5	0.16	6.5	4x3/8"-16	2.12	0.875

ALL DIMENSIONS IN INCHES