



# WORLDWIDE ELECTRIC MOTOR DATA SHEET

## IXPEWWE15-18-254TC



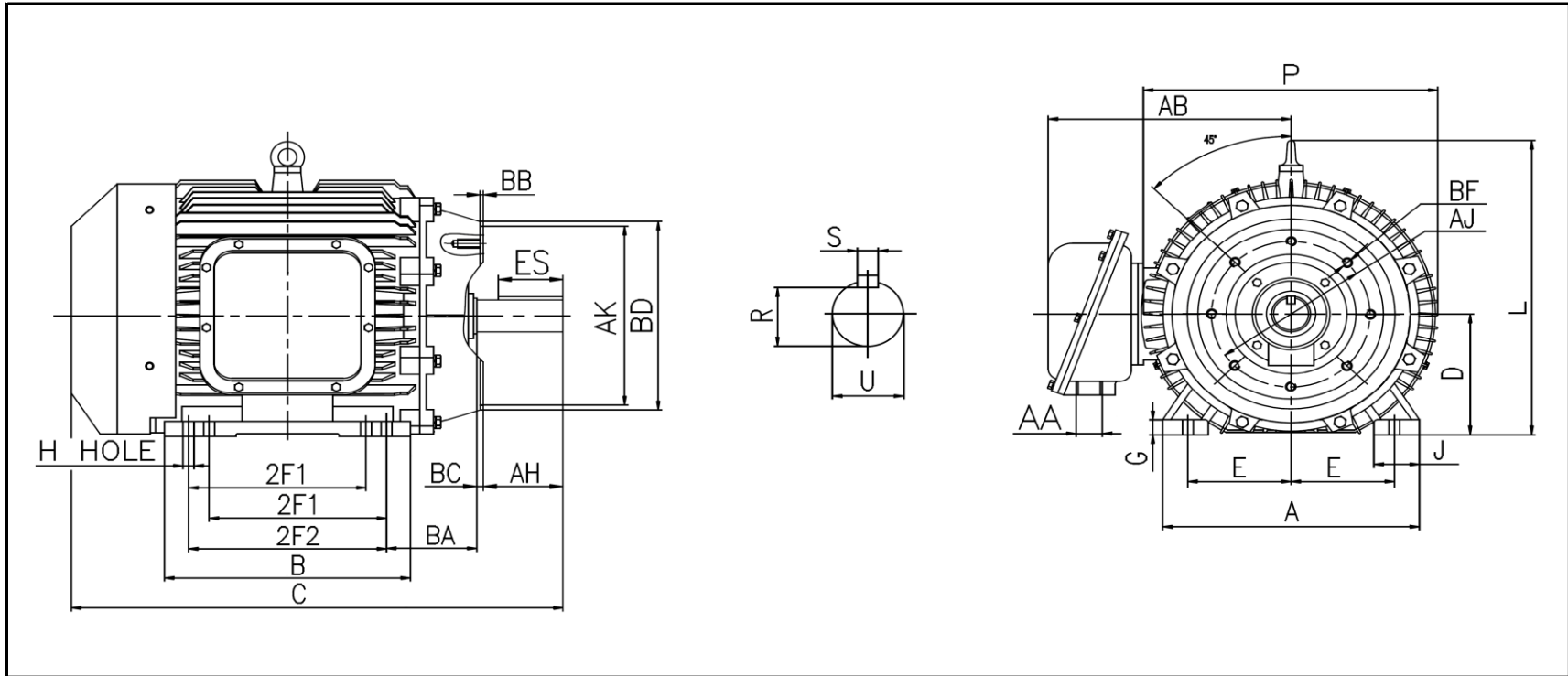
HORSEPOWER	15		
RPM / POLES	1800 / 4		
VOLTAGE / PHASE	230 / 460 V / 3		
FRAME	254TC		
ENCLOSURE / DEGREE OF PROTECTION	TEFC / IP55		
FREQUENCY	60 HZ Suitable For 50 HZ Operation With 1.0 SF		
FULL LOAD SPEED	1778 RPM		
SERVICE FACTOR	1.15 SF		
INSULATION CLASS	F		
FULL LOAD AMPS	35.0 / 17.5 A		
LOCKED ROTOR AMPS (STARTING)	232 / 116 A		
NO LOAD CURRENT			
NEMA CODE LETTER	G		
EFFICIENCY / POWER FACTOR	<u>LOAD</u>	<u>EFF.</u>	<u>P.F.</u>
	100%	92.4%	0.87
	75%	90.0%	0.86
	50%	89.0%	0.78
DUTY CYCLE	S1 / Continuous		
TORQUE	<u>FULL LOAD</u>	<u>LRT</u>	<u>BDT</u>
	44.6 lb.ft.	160%	200%
SLIP	1.22%		
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	6309		
ODE BEARING	6309		
GREASE TYPE	Mobil Polyrex EM		
MOUNTING	F1		
ROTATION	Bi-Directional		
APPROXIMATE WEIGHT	403 lbs.		
TEMPERATURE CODE AT 40°C AMBIENT	T3C		
TEMPERATURE CODE AT 55°C AMBIENT	T2C		
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-254TC



MOUNTING					A	B	C	D	G	J	L	P
E	2F1	2F2	H	BA								
5	8.25	10	0.53	4.25	12.4	12.4	25.2	6.25	0.866	2.76	15.55	14

		KEY		KEYSEAT	FLANGE				SHAFT			
AA	AB	BC	ES	S	R	AJ	AK	BB	BD	BF	AH	U
1.25	13.58	0.25	2.91	0.375	1.416	7.25	8.5	0.25	10	4x1/2"-13	3.75	1.625

ALL DIMENSIONS IN INCHES