



# WORLDWIDE ELECTRIC MOTOR DATA SHEET

## IXPEWWE40-18-324TC



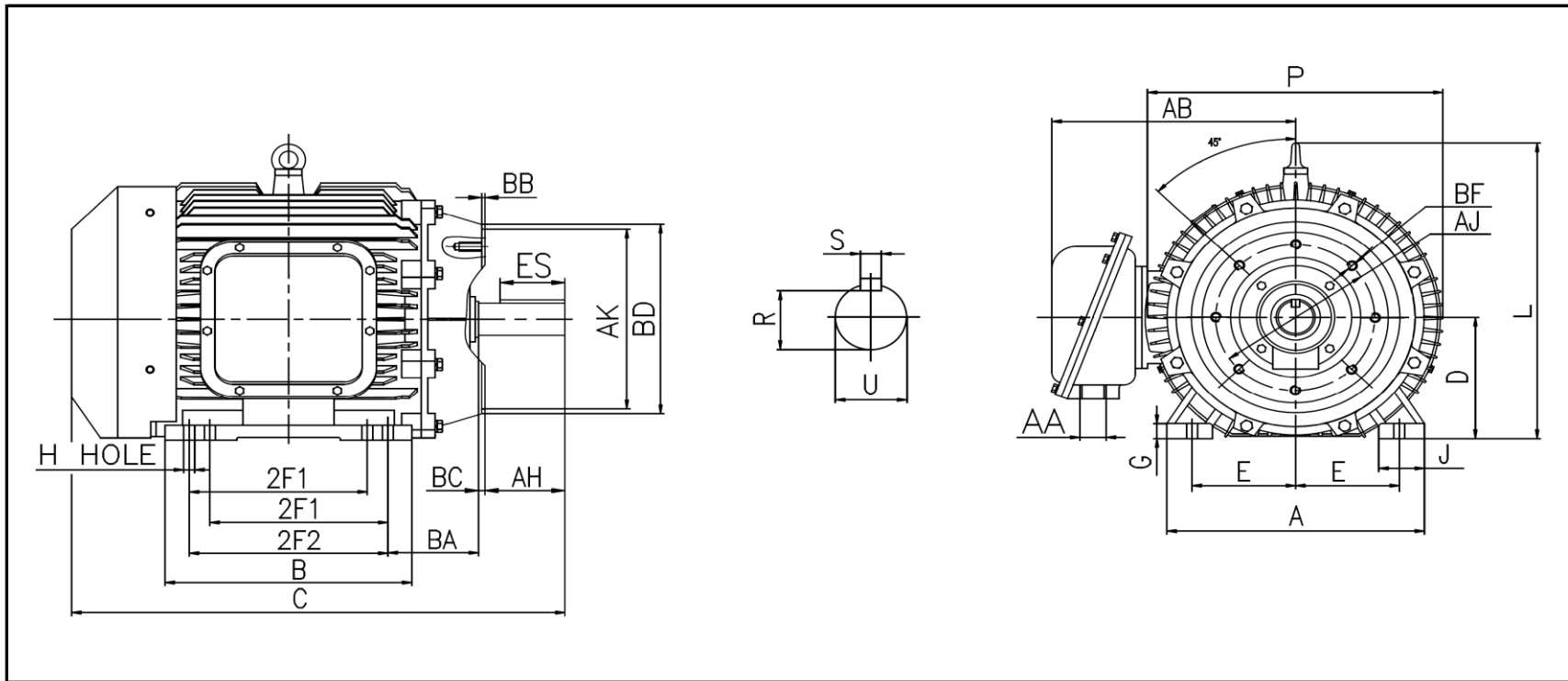
HORSEPOWER	40		
RPM / POLES	1800 / 4		
VOLTAGE / PHASE	230 / 460 V / 3		
FRAME	324TC		
ENCLOSURE / DEGREE OF PROTECTION	TEFC / IP55		
FREQUENCY	60 HZ Suitable For 50 HZ Operation With 1.0 SF		
FULL LOAD SPEED	1783 RPM		
SERVICE FACTOR	1.15 SF		
INSULATION CLASS	F		
FULL LOAD AMPS	89.0 / 44.5 A		
LOCKED ROTOR AMPS (STARTING)	580 / 290 A		
NO LOAD CURRENT			
NEMA CODE LETTER	G		
EFFICIENCY / POWER FACTOR	<u>LOAD</u>	<u>EFF.</u>	<u>P.F.</u>
	100%	94.1%	0.85
	75%	94.2%	0.84
	50%	93.9%	0.78
DUTY CYCLE	S1 / Continuous		
TORQUE	<u>FULL LOAD</u>	<u>LRT</u>	<u>BDT</u>
	117.8 lb.ft.	140%	200%
SLIP	0.94%		
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	6312		
ODE BEARING	6312		
GREASE TYPE	Mobil Polyrex EM		
MOUNTING	F1		
ROTATION	Bi-Directional		
APPROXIMATE WEIGHT	734 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-324TC



MOUNTING					A	B	C	D	G	J	L	P
E	2F1	2F2	H	BA								
6.25	10.5	12	0.66	5.25	15.6	14.9	31.8	8	0.984	2.76	19.9	18.03

		KEY		KEYSEAT	FLANGE				SHAFT			
AA	AB	BC	ES	S	R	AJ	AK	BB	BD	BF	AH	U
2	15.4	0.25	3.91	0.5	1.845	11	12.5	0.25	14	4x5/8"-11	5	2.125

ALL DIMENSIONS IN INCHES