



# WORLDWIDE ELECTRIC MOTOR DATA SHEET

## IXPEWWE20-36-256TC



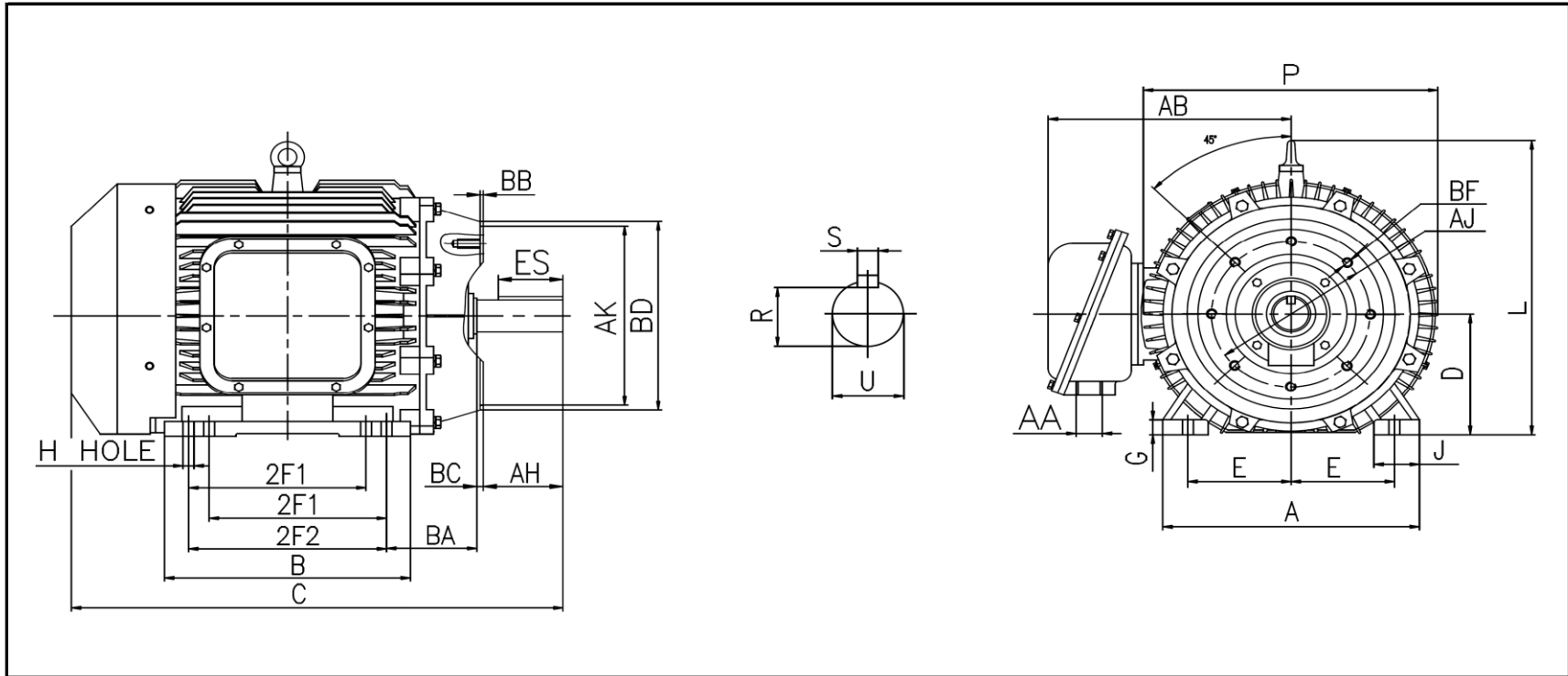
HORSEPOWER	20		
RPM / POLES	3600 / 2		
VOLTAGE / PHASE	230 / 460 V / 3		
FRAME	256TC		
ENCLOSURE / DEGREE OF PROTECTION	TEFC / IP55		
FREQUENCY	60 HZ Suitable For 50 HZ Operation With 1.0 SF		
FULL LOAD SPEED	3531 RPM		
SERVICE FACTOR	1.15 SF		
INSULATION CLASS	F		
FULL LOAD AMPS	45.6 / 22.8 A		
LOCKED ROTOR AMPS (STARTING)	290 / 145A		
NO LOAD CURRENT			
NEMA CODE LETTER	G		
EFFICIENCY / POWER FACTOR	<u>LOAD</u>	<u>EFF.</u>	<u>P.F.</u>
	100%	91.0%	0.88
	75%	90.0%	0.90
	50%	88.0%	0.85
DUTY CYCLE	S1 / Continuous		
TORQUE	<u>FULL LOAD</u>	<u>LRT</u>	<u>BDT</u>
	29.9 lb.ft.	130%	200%
SLIP	1.92%		
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 (F2 Convertible through UL Certified Shop Only)		
ROTATION	Bi-Directional		
APPROXIMATE WEIGHT	434 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-256TC



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