



WORLDWIDE ELECTRIC MOTOR DATA SHEET

IXPEWWE30-18-286TC



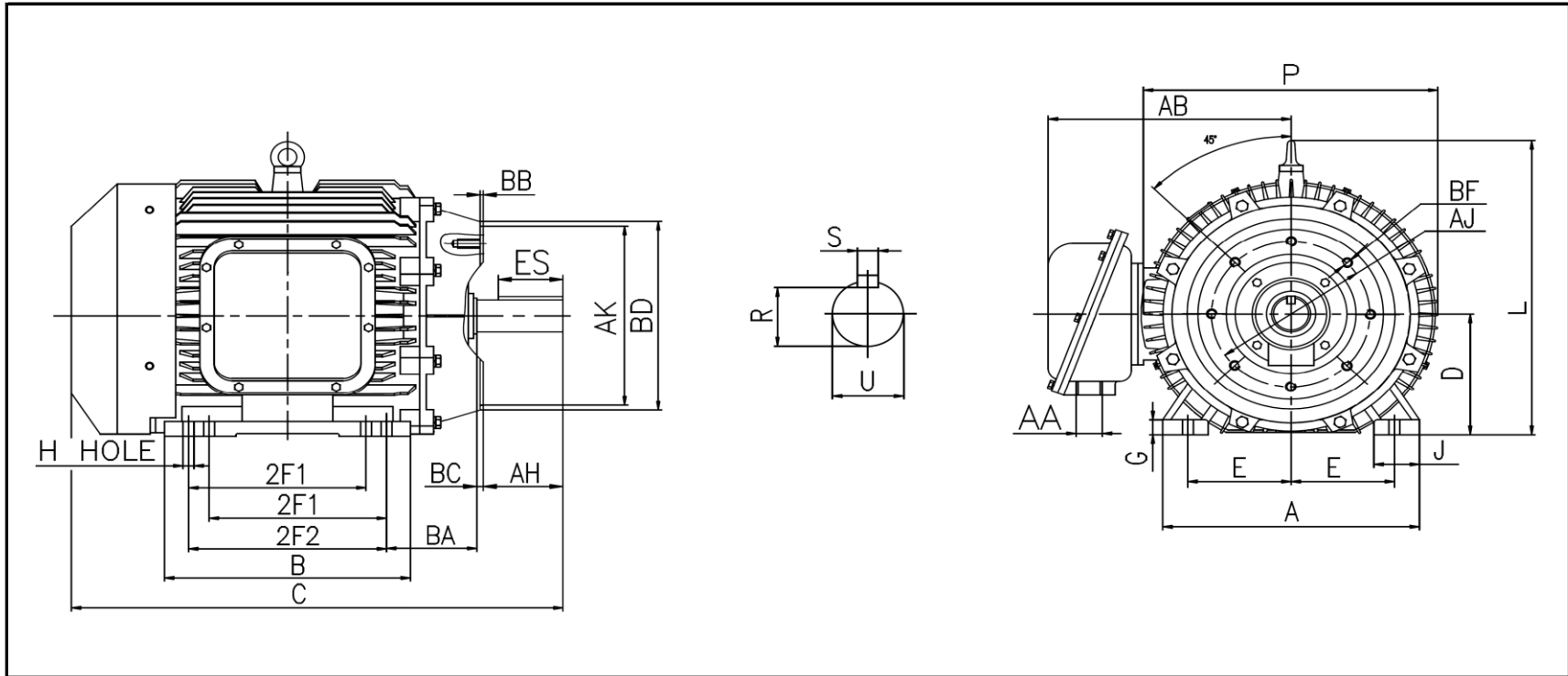
HORSEPOWER	30		
RPM / POLES	1800 / 4		
VOLTAGE / PHASE	230 / 460 V / 3		
FRAME	286TC		
ENCLOSURE / DEGREE OF PROTECTION	TEFC / IP55		
FREQUENCY	60 HZ Suitable For 50 HZ Operation With 1.0 SF		
FULL LOAD SPEED	1777 RPM		
SERVICE FACTOR	1.15 SF		
INSULATION CLASS	F		
FULL LOAD AMPS	65.0 / 32.5 A		
LOCKED ROTOR AMPS (STARTING)	435 / 217.5 A		
NO LOAD CURRENT			
NEMA CODE LETTER	G		
EFFICIENCY / POWER FACTOR	<u>LOAD</u>	<u>EFF.</u>	<u>P.F.</u>
	100%	93.6%	0.87
	75%	93.7%	0.86
	50%	93.1%	0.81
DUTY CYCLE	S1 / Continuous		
TORQUE	<u>FULL LOAD</u>	<u>LRT</u>	<u>BDT</u>
	88.7 lb.ft.	150%	200%
SLIP	1.28%		
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	6310		
ODE BEARING	6310		
GREASE TYPE	Mobil Polyrex EM		
MOUNTING	F1		
ROTATION	Bi-Directional		
APPROXIMATE WEIGHT	580 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-286TC



MOUNTING					A	B	C	D	G	J	L	P
E	2F1	2F2	H	BA								
5.5	9.5	11	0.53	4.75	13.7	13.7	28.5	7	0.866	2.76	17.52	15.9

AA	AB	BC	KEY		KEYSEAT	FLANGE					SHAFT	
			ES	S	R	AJ	AK	BB	BD	BF	AH	U
1.5	14.37	0.25	3.28	0.5	1.591	9	10.5	0.25	11.25	4x1/2"-13	4.38	1.875

ALL DIMENSIONS IN INCHES