WORLDWIDE ELECTRIC MOTOR DATA SHEET

IXPEWWE1.5-36-143T

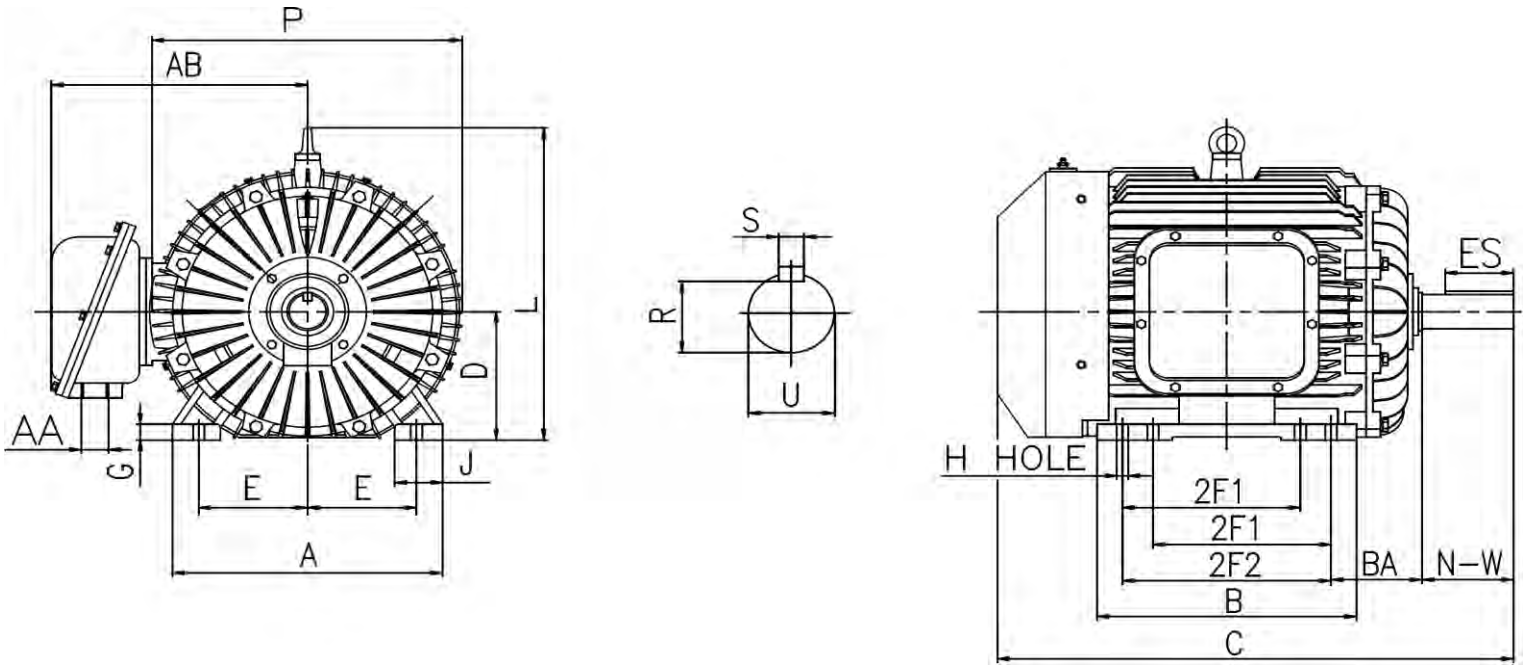
HORSEPOWER	**1.5**		
RPM / POLES	**3600 / 2**		
VOLTAGE / PHASE	**230 / 460 V / 3**		
FRAME	**143T**		
ENCLOSURE / DEGREE OF PROTECTION	**TEFC / IP55**		
FREQUENCY	**60 HZ Suitable For 50 HZ Operation With 1.0 SF**		
FULL LOAD SPEED	**3511 RPM**		
SERVICE FACTOR	**1.15 SF**		
INSULATION CLASS	**F**		
FULL LOAD AMPS	**3.6 / 1.8 A**		
LOCKED ROTOR AMPS (STARTING)	**40.0 / 20.0 A**		
NO LOAD CURRENT			
NEMA CODE LETTER	**M**		
EFFICIENCY / POWER FACTOR	LOAD	EFF.	P.F.
	100%	**84.0%**	**0.89**
	75%	**83.6%**	**0.82**
	50%	**83.1%**	**0.76**
DUTY CYCLE	**S1 / Continuous**		
TORQUE	FULL LOAD	LRT	BDT
	2.0 lb.ft.	**175%**	**250%**
SLIP			
NEMA DESIGN	**B**		
MOMENT OF INERTIA	**0.0026 kg.m^2**		
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	**90 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**		

UL LISTED E301984 CE ee CC039B

January 10, 2018

WORLDWIDE ELECTRIC MOTOR DRAWING

IXPEWWE-143T



MOUNTING										
E	**2F1**	**2F2**	**H**	**BA**	**A**	**B**	**C**	**D**	**G**	**J**
2.75	4	5	0.34	2.25	6.9	6.89	15.35	3.5	0.47	1.42

				KEY		KEYSEAT	SHAFT	
L	**P**	**AA**	**AB**	**ES**	**S**	**R**	**N-W**	**U**
9.25	7.56	3/4	8.07	1.46	0.188	0.771	2.25	0.875

ALL DIMENSIONS IN INCHES

REVISED - 09/16/16