



WORLDWIDE ELECTRIC MOTOR DATA SHEET



XPEWWE100-36-405TS

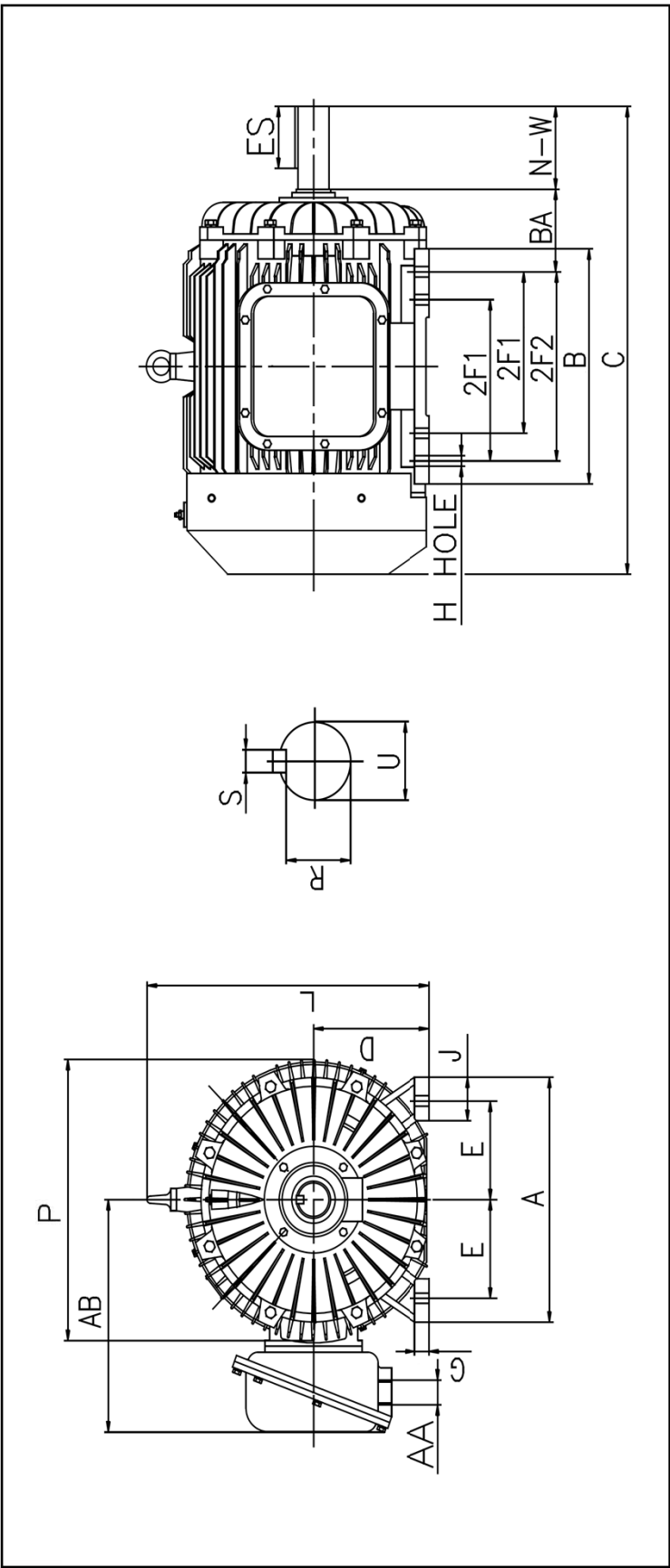
HP	100	
RPM / POLES	3600 / 2	
VOLTAGE / PHASE	230 / 460 V / 3	
FRAME	405TS	
ENCLOSURE	TEFC (IP55)	
FREQUENCY	60 HZ	
RATED SPEED	3579 RPM	
FULL LOAD AMPS	220 / 110 A	
DUTY CYCLE	CONTINUOUS	
SERVICE FACTOR	1.15	
INSULATION CLASS	F	
AMBIENT TEMP.	40° C	
ALTITUDE	3300 FT.	
TEMP. RISE @ FULL LOAD	80° C	
DESIGN	B	
RATED TORQUE	148.0 LB. FT.	
LOCKED ROTOR TORQUE	159%	
BREAKDOWN TORQUE	279%	
LOCKED ROTOR AMPS (STARTING)	1450 / 725 A	
IL / IN	6.6 / CODE G	
SLIP	0.729%	
NO LOAD CURRENT	46.4 / 23.2 A	
MAX. TIME LOCKED ROTOR (HOT)	17 SECONDS	
DE BEARING	6313/C3	
ODE BEARING	6313/C3	
REGREASING INT. - DE BEARING	4,800 HOURS	
REGREASING INT. - ODE BEARING	4,800 HOURS	
MOUNTING	F1	
ROTATION	CW / CCW	
MOMENT OF INERTIA	11.13 LB. FT. ²	
SHAFT MATERIAL	1045 CARBON STEEL	
CONNECTION DIAGRAM	230 / 460 V - 9 LEAD Δ/Δ	
APPROX. WEIGHT	1305 LBS.	
AREA CLASSIFICATION	CLASS I, DIVISION 1, GROUPS C & D CLASS II, DIVISION 1, GROUPS E, F & G	
CSA CERTIFIED FOR USE	CLASS I, DIVISION 2 HAZARDOUS LOCATIONS	
LOAD	POWER FACTOR	EFFICIENCY (%)
100%	0.89	94.1
75%	0.85	94.1
50%	0.80	93.7





WORLDWIDE ELECTRIC MOTOR DRAWING

XPEWWE-405TS



MOUNTING					
E	2F1	2F2	H	BA	A
8	12.25	13.75	0.81	6.62	19

		B	C	D	G	J
		17.05	35.6	10	1.18	3.15

KEY			KEYSEAT			SHAFT		
L	P	AA	AB	ES	S	R	N-W	U
25	21.81	3	18.7	2.83	0.5	1.845	4.25	2.125

ALL DIMENSIONS IN INCHES