



WORLDWIDE ELECTRIC MOTOR DATA SHEET

XPEWWE100-18-405TBB

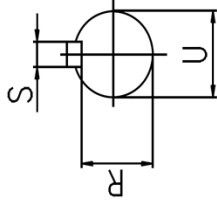


HP	100	
RPM / POLES	1800 / 4	
VOLTAGE / PHASE	230 / 460 V / 3	
FRAME	405T	
ENCLOSURE	TEFC (IP55)	
FREQUENCY	60 HZ	
RATED SPEED	1790 RPM	
FULL LOAD AMPS	224 / 112 A	
DUTY CYCLE	CONTINUOUS	
SERVICE FACTOR	1.15	
INSULATION CLASS	F	
AMBIENT TEMP.	40° C	
ALTITUDE	3300 FT.	
TEMP. RISE @ FULL LOAD	80° C	
DESIGN	B	
RATED TORQUE	296.0 LB. FT.	
LOCKED ROTOR TORQUE	199%	
BREAKDOWN TORQUE	273%	
LOCKED ROTOR AMPS (STARTING)	1450 / 725 A	
IL / IN	6.5 / CODE G	
SLIP	0.78%	
NO LOAD CURRENT	56.4 / 28.2 A	
MAX. TIME LOCKED ROTOR (HOT)	13 SECONDS	
DE BEARING	6316/C3	
ODE BEARING	6313/C3	
REGREASING INT. - DE BEARING	9,000 HOURS	
REGREASING INT. - ODE BEARING	9,500 HOURS	
MOUNTING	F1	
ROTATION	CW / CCW	
MOMENT OF INERTIA	23.312 LB. FT. ²	
SHAFT MATERIAL	1045 CARBON STEEL	
CONNECTION DIAGRAM	230 / 460 V - 9 LEAD Δ/Δ	
APPROX. WEIGHT	1350 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%	0.87	95.4
75%	0.84	95.4
50%	0.79	94.8





XP EWWE-405T



L	P	AA	AB	KEY		KEYSEAT	SHAFT	
				ES	S		N-W	U
25	21.81	3	18.7	5.71	0.75	2.45	7.25	2.875

ALL DIMENSIONS IN INCHES