

**NEMA**

**Model JMC0402FP**  
 MFG PN: TXC324T40U2B-5

ELECTRICAL DATA		
Rated Motor Output Power	40	HP
	-	kW
Rated Motor Speed	3555	r/min 60Hz
	-	r/min 50Hz
Rated Motor Voltage (+/-10%)	575	V/60Hz
	-	V/50Hz
Rated Motor Current	36.43	A (I <sub>n</sub> ) @ 60Hz
	-	A (I <sub>n</sub> ) @ 50Hz
Phase	3	∅
Locked Rotor Current @ High Voltage	275.442	A (I <sub>n</sub> ) @ 60Hz
FI Current @ 208V	-	A (I <sub>n</sub> ) @ 60Hz
Service Factor	1.25	@ 60Hz
	-	@ 50Hz
KVA Code	H	60Hz
	-	50Hz
Nominal Efficiency	92.4	% @ 60Hz
Nominal Power Factor	0.89	cosΦ @ 60Hz
Leads (Qty, Size)	6	-
Connection	D	-
Coil Resistance	0.16	Ω
Start Capacitor	-	μF/V
Run Capacitor	-	μF/V
VFD DUTY (S.F. 1.0)	RATIO	Hz
Variable Torque	1000:1	2 - 60
Constant Torque	15:1	4 - 60
FULL LOAD TEMPERATURE RISE		
Full Load Temperature Rise	65.8	°C @ 60Hz
	-	°C @ 50Hz

GENERAL DATA		
Frame Size	324JM	
Enclosure	TEFC	
Mounting	Rigid/C-Flange	
Approximate Weight (lbs.)	517 lbs.	
Casing Material / Fan Cover	Cast Iron	Cast Iron
Shaft Material	304 SS	
NEMA Design	A	
Degree of Protection (IP)	55	
Insulation Class / Temp Rise (60Hz)	F	B
Tropicalization	YES	
Duty	Cont. / S1	
Conduit Box Location	1-NPT 2"	
Feet Removable / Double Drilled	YES	NO
Paintwork	7024	
	Graphite Gray	
MECHANICAL DATA		
Bearing DE Side	6312C3	
Bearing ODE Side	6312C3	
Grease Type	Mobil Polyrex EM	
Compensation Ring (wavy washer)	NDE	
Moment of Inertia (lb-ft <sup>2</sup> )	-	
Sound Pressure @ 3 FT dBA	91	
SITE CONDITIONS		
Ambient Temperature (°C)	40	
Meters Above Sea Level (MASL)	1000	
HAZARDOUS LOCATIONS		
CSA Certified	CSA Certified	
Temperature Code	-	-

Questions? Call 1.888.286.1820