



Model GRA0004F-TD-01
MFG PN: T143T 1U4B

ELECTRICAL DATA		
Rated Motor Output Power	1	HP
	-	kW
Rated Motor Speed	1730	r/min 60Hz
	-	r/min 50Hz
Rated Motor Voltage (+/-10%)	575	V/60Hz
	-	V/50Hz
Rated Motor Current	1.19	A (I _n) @ 60Hz
	-	A (I _n) @ 50Hz
Phase	3	∅
Locked Rotor Current @ High Voltage	-	A (I _n) @ 60Hz
FI Current @ 208V	-	A (I _n) @ 60Hz
Service Factor	1.25	@ 60Hz
	-	@ 50Hz
KVA Code	K	60Hz
	-	50Hz
Nominal Efficiency	85.5	% @ 60Hz
Nominal Power Factor	0.74	cosΦ @ 60Hz
Leads (Qty, Size)	3	-
Connection	Y	-
Coil Resistance	-	Ω
Start Capacitor	-	μF/V
Run Capacitor	-	μF/V
VFD DUTY (S.F. 1.0)	RATIO	Hz
Variable Torque	30:1	2 - 60
Constant Torque	15:1	4 - 60
FULL LOAD TEMPERATURE RISE		
Full Load Temperature Rise	36	°C @ 60Hz
	-	°C @ 50Hz

GENERAL DATA		
Frame Size	143TD	
Enclosure	TEFC	
Mounting	Rigid/D-Flange	
Approximate Weight (lbs.)	28 lbs.	
Casing Material / Fan Cover	Cast Aluminum	Steel
Shaft Material	1045	
NEMA Design	B	
Degree of Protection (IP)	55	
Insulation Class / Temp Rise (60Hz)	F	B
Tropicalization	YES	
Duty	Cont. / S1	
Conduit Box Location	1-NPT 3/4"	
Feet Removable / Double Drilled	YES	YES
Paintwork	7024	
	Graphite Gray	
MECHANICAL DATA		
Bearing DE Side	6205ZZ	
Bearing ODE Side	6205ZZ	
Grease Type	Mobil Polyrex EM	
Compensation Ring (wavy washer)	NDE	
Moment of Inertia (lb-ft ²)	-	
Sound Pressure @ 3 FT dBA	62.2	
SITE CONDITIONS		
Ambient Temperature (°C)	40	
Meters Above Sea Level (MASL)	1000	
HAZARDOUS LOCATIONS		
CSA Certified	CSA Certified	
Temperature Code	T4A	-

Questions? Call 1.888.286.1820