



Model Number	GR3-CI-TF-160MB35-4-BR-D-15-230 460-60
MFG PN	T 160M-4
List Price	--

All data shown at HIGH voltage setting

Format STD 3 Phase

Electrical Data				General Data	
Rated Motor Output Power		15 HP		Frame Size	160
Rated Motor Speed		1770 r/min		Enclosure	TEFC
Rated Motor Voltage (3 Phase)		230 460-60 Volts - HZ		Approximate Weight	279.4
Rated Motor Current		34.7/17.4 Amps		NEMA Design	A
Service Factor		1.15		IP Rating	55
KVA Code		J		Insulation Class	F
Nominal Efficiency		92.4 %		Tropicalization	YES
Nominal Power Factor		0.86 cosθ		Duty	Cont.
Full Load Torque Ft-Lb		44.58792 Ft-Lb		Cable Entry	M32 X 1.5
Temp Rise @ Full Load °C		30.1		Feet Removable	YES
Efficiency Level		IE3 - NEMA Premium		Double Drilled	NO
Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	40
Locked Rotor	-	250	142	Rated Altitude (M)	1000
Breakdown	-	327	-	Coating	7024 - Graphite Grey
Pull Up	-	171	-	Shaft Grounding	NO
125% of FL	1763	-	21.79	Brake Voltage (DC)	--
75% of FL	1779	-	13.84	Brake Torque (N-M)	--
50% of FL	1787	-	10.56	Mechanical Data	
No Load	1797	-	6.87	Bearing DE Side	6309 C3
Hazardous Location	Class 1, Div 2, Grp A,B,C,D			Bearing NDE Side	6309 C3
				Moment of Inertia	-- kg.m2
				Noise Level	Per NEMA dB (A)
CT VFD Range		--		Loaded Torque Curves	--
		P1 = INPUT POWER (KW), S = Slip (% of Sync RPM), η = Efficiency (%), cosφ = Power Factor			
Certifications	UL	CSA	DOE		
File Numbers	323353	224693	096A		
Wiring Diagram	3PH 12 Lead IEC Dual Voltage				

Techtop Industries -2815 Colonnades Court - Peachtree Corners, GA 30071 - Phone: (678) 436-5540

FRAME: 160MB35 HP: RPM: PHASE: 3 VOLT: ENCL: TEFC FREQ: 60 Hz FLA: LRA:

