



Model Number GR3-CI-TF-280MB35-4-BR-D-150-230|460-60

MFG PN T 280M2-4

List Price --

All data shown at HIGH voltage setting

Format | STD 3 Phase

Electrical Data				General Data	
Rated Motor Output Power	150 HP			Frame Size	280
Rated Motor Speed	1785 r/min			Enclosure	TEFC
Rated Motor Voltage (3 Phase)	230 460-60 Volts - HZ			Approximate Weight	1584
Rated Motor Current	323.9/161.9 Amps			NEMA Design	A
Service Factor	1.15			IP Rating	55
KVA Code	K			Insulation Class	F
Nominal Efficiency	95.8 %			Tropicalization	YES
Nominal Power Factor	0.89 cosθ			Duty	Cont.
Full Load Torque Ft-Lb	441.8224 Ft-Lb			Cable Entry	M50 X 1.5
Temp Rise @ Full Load °C	71.7			Feet Removable	YES
Efficiency Level	IE3 - NEMA Premium			Double Drilled	NO
Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	40
Locked Rotor	-	310	1544	Rated Altitude (M)	1000
Breakdown	-	371	-	Coating	7024 - Graphite Grey
Pull Up	-	426	-	Shaft Grounding	NO
125% of FL	1784	-	203.29	Brake Voltage (DC)	--
75% of FL	1791	-	125.83	Brake Torque (N-M)	--
50% of FL	1794	-	91.81	Mechanical Data	
No Load	--	-	49.19	Bearing DE Side	6316 C3
Hazardous Location	Class 1, Div 2, Grp A,B,C,D			Bearing NDE Side	6316 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				

FRAME: 280MB35-2P HP: RPM: PHASE: 3 VOLT: ENCL: TEFC FREQ: 60 Hz FLA: LRA:

