



**Model Number** GR3-CI-TF-180LB35-4-BR-D-30-230|460-60

**MFG PN** T 180L1-4

**List Price** --

All data shown at HIGH voltage setting

Format | STD 3 Phase

Electrical Data				General Data	
Rated Motor Output Power	30 HP			Frame Size	180
Rated Motor Speed	1775 r/min			Enclosure	TEFC
Rated Motor Voltage (3 Phase)	230 460-60 Volts - HZ			Approximate Weight	462
Rated Motor Current	68.6/34.3 Amps			NEMA Design	A
Service Factor	1.15			IP Rating	55
KVA Code	K			Insulation Class	F
Nominal Efficiency	93.6 %			Tropicalization	YES
Nominal Power Factor	0.86 cosθ			Duty	Cont.
Full Load Torque Ft-Lb	89.2496 Ft-Lb			Cable Entry	M32 X 1.5
Temp Rise @ Full Load °C	59.6			Feet Removable	YES
Efficiency Level	IE3 - NEMA Premium			Double Drilled	NO
Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	40
Locked Rotor	-	298	329.5	Rated Altitude (M)	1000
Breakdown	-	364	-	Coating	7024 - Graphite Grey
Pull Up	-	214	-	Shaft Grounding	NO
125% of FL	1769	-	42.62	Brake Voltage (DC)	--
75% of FL	1782	-	27.52	Brake Torque (N-M)	--
50% of FL	1788	-	21.25	Mechanical Data	
No Load	--	-	14.41	Bearing DE Side	6311 C3
Hazardous Location	Class 1, Div 2, Grp A,B,C,D			Bearing NDE Side	6311 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: 180LB35-CFC | HP: | RPM: | PHASE: 3 | VOLT: | ENCL: TEFC | FREQ: 60 Hz | FLA: | LRA:

