



Model Number	GR3-AL-TF-184JP-4-B-D-5-230 460-60
MFG PN	TFC184T5U4B
List Price	--

All data shown at HIGH voltage setting

Format STD 3 Phase

Electrical Data		General Data	
Rated Motor Output Power	5 HP	Frame Size	184
Rated Motor Speed	1750 r/min	Enclosure	TEFC
Rated Motor Voltage (3 Phase)	230 460-60 Volts - HZ	Approximate Weight	110
Rated Motor Current	12.6/6.3 Amps	NEMA Design	A
Service Factor	1.25	IP Rating	55
KVA Code	K	Insulation Class	F
Nominal Efficiency	89.5 %	Tropicalization	YES
Nominal Power Factor	0.83 cos θ	Duty	Cont.
Full Load Torque Ft-Lb	14.965904 Ft-Lb	Cable Entry	1.25
Temp Rise @ Full Load °C	52.4	Feet Removable	YES
Efficiency Level	IE3 - NEMA Premium	Double Drilled	NO

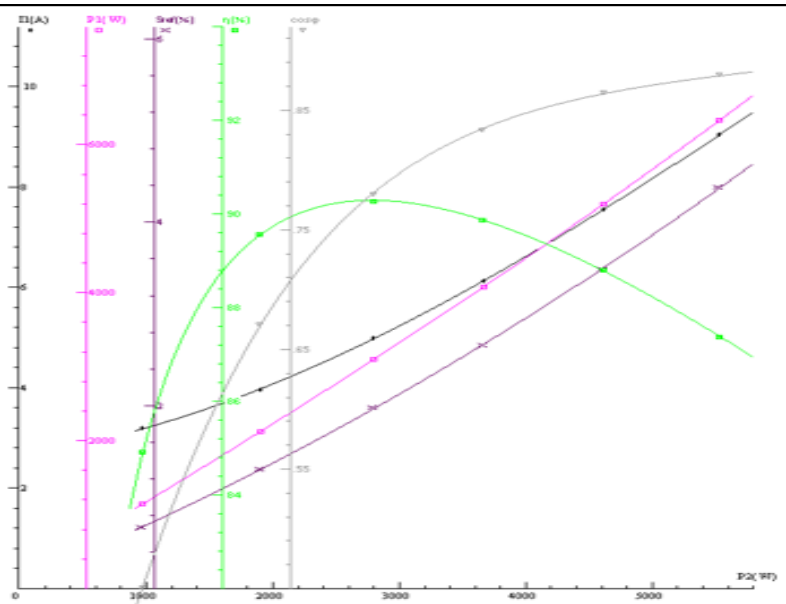
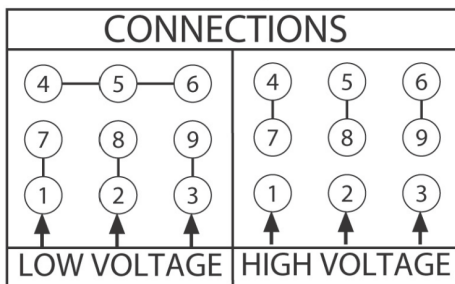
Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	
Locked Rotor	-	253	53	Rated Altitude (M)	1000
Breakdown	-	362	-	Coating	7024 - Graphite Grey
Pull Up	-	225	-	Shaft Grounding	NO
125% of FL	1734	-	7.5	Brake Voltage (DC)	
75% of FL	1765	-	4.9	Brake Torque (N-M)	
50% of FL	1777	-	3.92	Mechanical Data	
No Load	1797	-	2.89	Bearing DE Side	6306 ZZ

Hazardous Location	Class 1, Div 2, Grp A,B,C,D		Bearing NDE Side	6306 ZZ
			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 (%), cos ϕ = Power Factor			

Certifications	UL	CSA	DOE
File Numbers	323353	224693	096A
Wiring Diagram	3PH 9 Lead Dual Voltage		

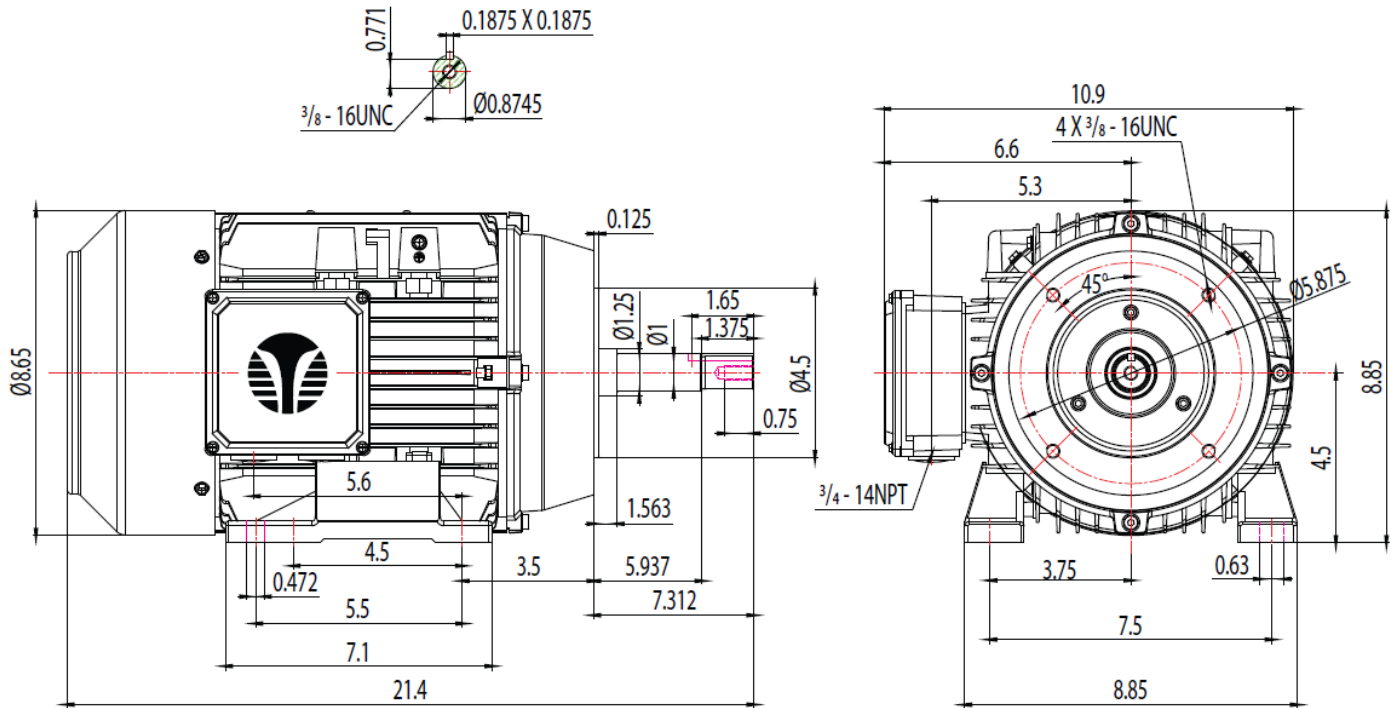
3 Phase - YY/Y - 9 Lead
 4,1 Blue / 5,2 White / 6,3 Org / 7 Yl / 8 Blk / 9 RD
 Cast Iron- 1,2,3 Top - 4,5,6,7,8,9 Bottom
 Aluminum - 4,5,6,8,9 Top - 1,2,3,7 Bottom





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List Price	--
Base Frame	GR-184JP-AL-TF

FRAME: 184JP HP: RPM: PHASE: 3 VOLT: 115/208-230V ENCL: TEFC FREQ: 60 Hz FLA: LRA:



MATERIAL: ALUMINUM
UNITS: INCH BY: SSEE
DRAWN: 6/11/2018
WWW.TECHTOP.COM

MODEL NUMBER:
GR3-AL-TF-184JP
MFG PN:

REV.	BY	DATE
1		
2		
3		
4		
5		
6		
7		

CHANGES

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