



Model Number GX3-AL-TF-254T-2-B-D-15-230|460-60

MFG PN T254T 15U2B

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	254
Rated Motor Speed	3550 r/min	Enclosure	TEFC
Rated Motor Voltage (3 Phase)	230 460-60 Volts - HZ	Approximate Weight	175
Rated Motor Current	33.7/16.9 Amps	NEMA Design	A
Service Factor	1.25	IP Rating	55
KVA Code	K	Insulation Class	F
Nominal Efficiency	91 %	Tropicalization	YES
Nominal Power Factor	0.9 cosθ	Duty	Cont.
Full Load Torque Ft-Lb	21.7857536 Ft-Lb	Cable Entry	1.25
Temp Rise @ Full Load °C	48	Feet Removable	YES
Efficiency Level	IE3 - NEMA Premium	Double Drilled	NO

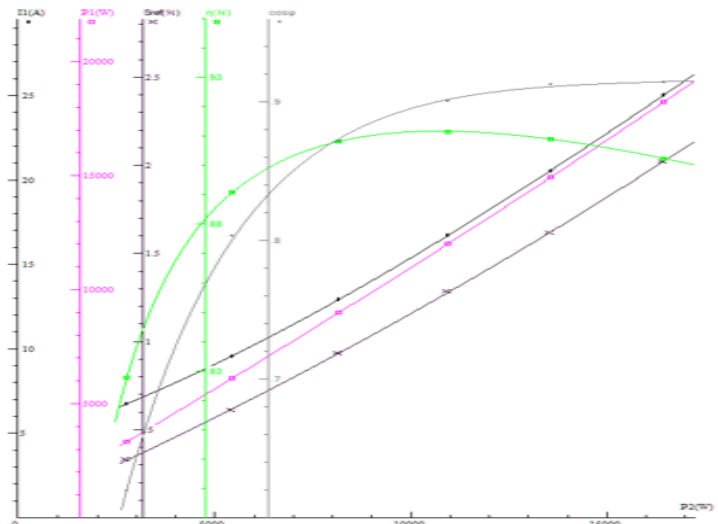
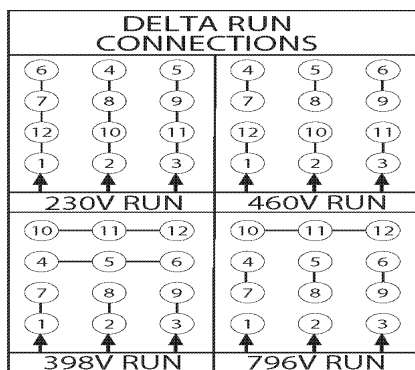
Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	40
Locked Rotor	-	0	0	Rated Altitude (M)	1000
Breakdown	-	0	-	Coating	7024 - Graphite Grey
Pull Up	-	0	-	Shaft Grounding	YES
125% of FL	3540.7	-	20.84	Brake Voltage (DC)	
75% of FL	3566	-	13.03	Brake Torque (N-M)	
50% of FL	3577.5	-	9.6509	Mechanical Data	
No Load		-	5.274		

Hazardous Location	Class 1, Div 2, Grp A,B,C,D			Bearing DE Side	6309 ZZ
				Bearing NDE Side	6209 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 (%), cosφ = Power Factor			

Certifications	UL	CSA	DOE
File Numbers	323353	224693	096A

Wiring Diagram 3PH 12 Lead Dual Voltage

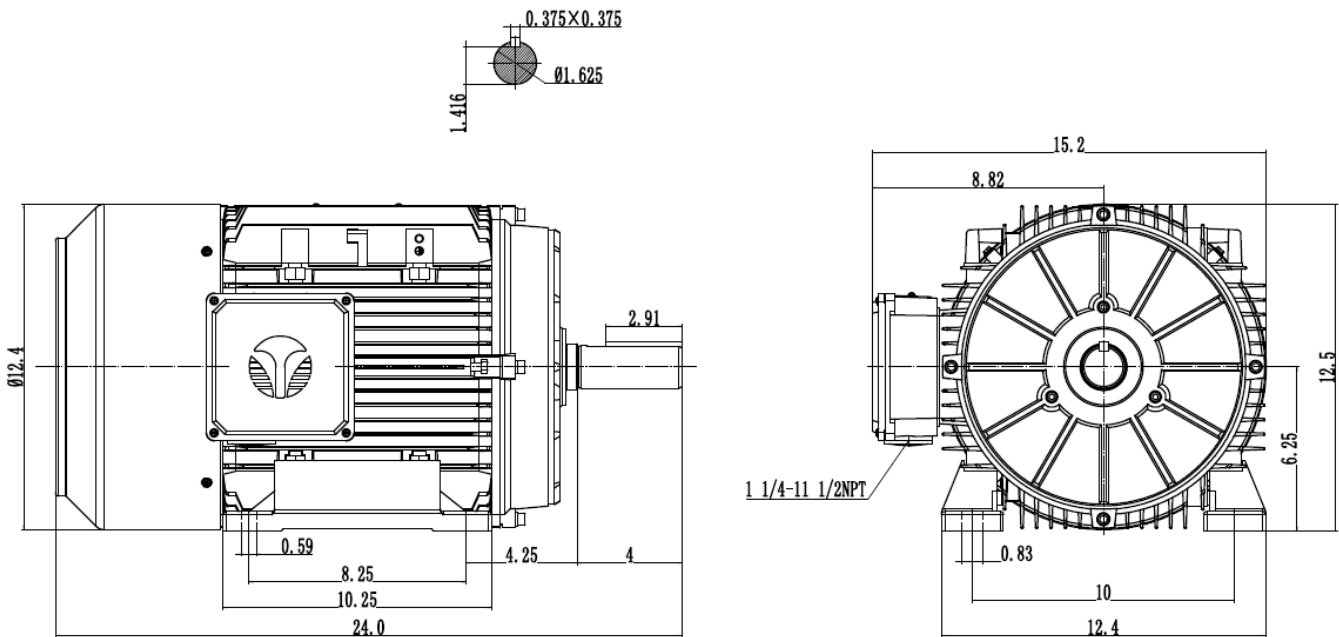


Techtop Industries -2815 Colonnades Court - Peachtree Corners, GA 30071 - Phone: (678) 436-5540



Model Number	GX3-AL-TF-254T-2-B-D-15-230 460-60
MFG PN	T254T 15U2B
List Price	--
Base Frame	GX-254T-AL-TF

FRAME:	HP:	RPM:	PHASE:	VOLT:	ENCL:	FREQ:	FLA:	LRA:
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MODEL: NEMA254T
REV.DISC:

SCALE: 1:3.5
VERSION:

DATE:
REVISED:

UNITS:
BY:

WWW.TECHTOP.COM

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