



Model Number GX3-AL-TF-254TC-6-B-D-7.5-230|460-60

MFG PN T254T7.5U6B

List Price --

All data shown at HIGH voltage setting

Format STD 3 Phase

Electrical Data

General Data

Rated Motor Output Power	7.5 HP	Frame Size	254
Rated Motor Speed	1180 r/min	Enclosure	TEFC
Rated Motor Voltage (3 Phase)	230 460-60 Volts - HZ	Approximate Weight	183.92
Rated Motor Current	21.7/10.8 Amps	NEMA Design	A
Service Factor	1.25	IP Rating	55
KVA Code	N	Insulation Class	F
Nominal Efficiency	91 %	Tropicalization	YES
Nominal Power Factor	0.7 cosθ	Duty	Cont.
Full Load Torque Ft-Lb	32.646176 Ft-Lb	Cable Entry	1.25
Temp Rise @ Full Load °C	23.4	Feet Removable	YES
Efficiency Level	IE3 - NEMA Premium	Double Drilled	NO

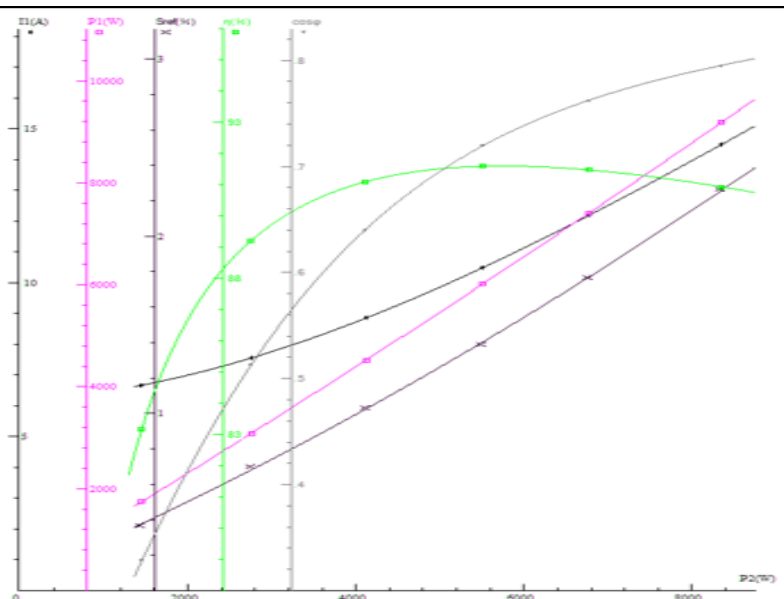
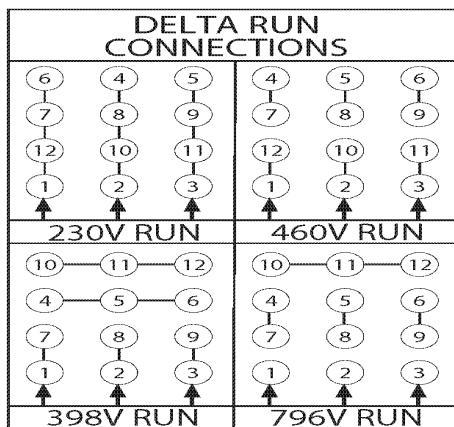
Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	40
Locked Rotor	-	353	106	Rated Altitude (M)	1000
Breakdown	-	452	-	Coating	7024 - Graphite Grey
Pull Up	-	207	-	Shaft Grounding	Yes
125% of FL	1178	-	12.33	Brake Voltage (DC)	--
75% of FL	1188	-	8.86	Brake Torque (N-M)	--
50% of FL	1192	-	7.55	Mechanical Data	
No Load	1199	-	6.36		

Hazardous Location	Class 1, Div 2, Grp A,B,C,D			Bearing DE Side	6309 C3
				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

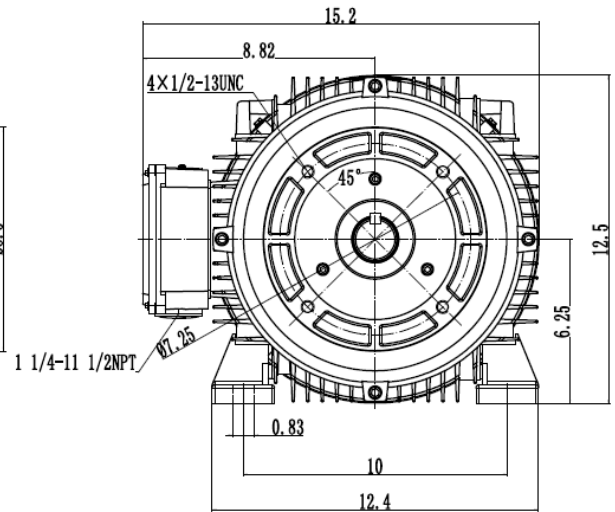
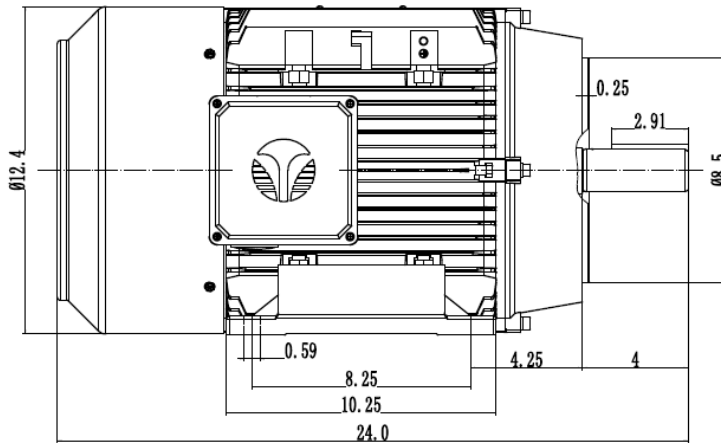
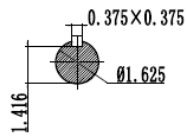
Wiring Diagram	3PH 12 Lead Dual Voltage
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Model Number	GX3-AL-TF-254TC-6-B-D-7.5-230 460-60
MFG PN	T254T7.5U6B
List Price	--
Base Frame	GX-254TC-AL-TF

FRAME: HP: RPM: PHASE: VOLT: ENCL: FREQ: FLA: LRA:



MODEL: NEMA254TC
REV.DISC:

SCALE: 1:3.5
VERSION:

DATE:
REVISED:

UNITS:
BY:

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