



Model Number	GX3-AL-TF-256T-2-B-D-20-230 460-60
MFG PN	T256T20U2B
List Price	--

All data shown at HIGH voltage setting

Format STD 3 Phase

Electrical Data		General Data	
Rated Motor Output Power	20 HP	Frame Size	256
Rated Motor Speed	3550 r/min	Enclosure	TEFC
Rated Motor Voltage (3 Phase)	230 460-60 Volts - HZ	Approximate Weight	204.82
Rated Motor Current	45.5/22.7 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	0.91 cosθ	Duty	Cont.
Full Load Torque Ft-Lb	29.894928 Ft-Lb	Cable Entry	1.25
Temp Rise @ Full Load °C	54.2	Feet Removable	YES
Efficiency Level	IE3 - NEMA Premium	Double Drilled	NO

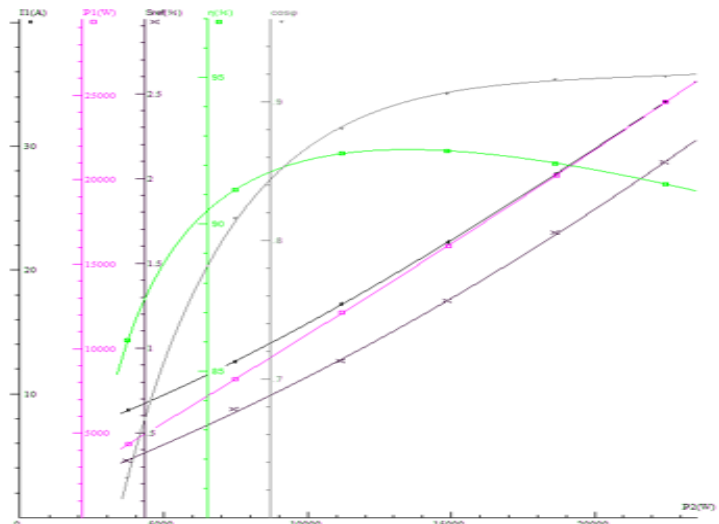
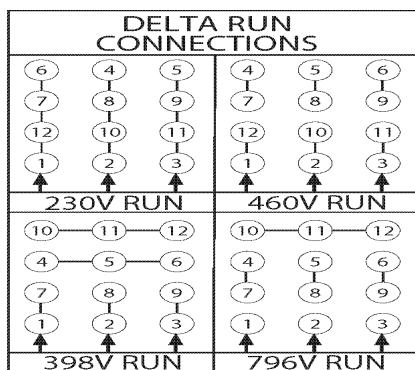
Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	
Locked Rotor	-	0	0	Rated Altitude (M)	1000
Breakdown	-	0	-	Coating	7024 - Graphite Grey
Pull Up	-	0	-	Shaft Grounding	Yes
125% of FL	3540	-	28	Brake Voltage (DC)	--
75% of FL	3566	-	17.3	Brake Torque (N-M)	--
50% of FL	3577	-	12.69	Mechanical Data	
No Load	3594	-	6.69	Bearing DE Side	6309 C3

Hazardous Location	Class 1, Div 2, Grp A,B,C,D		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

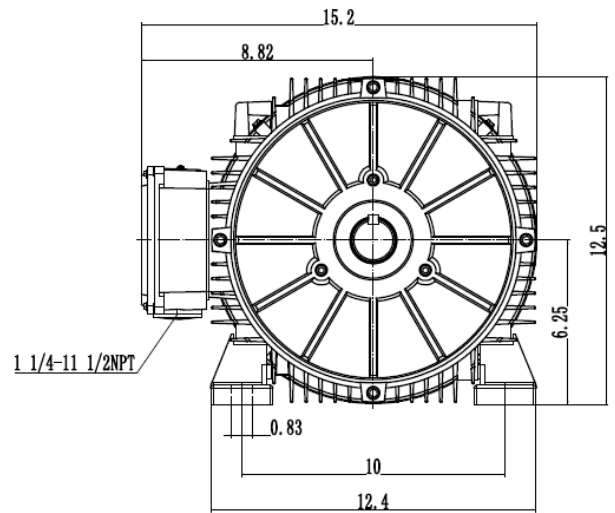
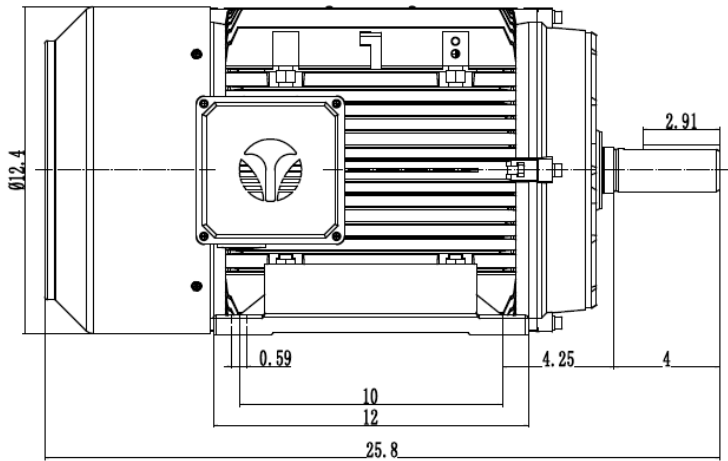
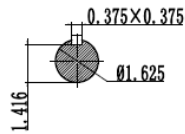
Wiring Diagram	3PH 12 Lead Dual Voltage
----------------	--------------------------





Model Number	GX3-AL-TF-256T-2-B-D-20-230 460-60
MFG PN	T256T20U2B
List Price	--
Base Frame	GX-256T-AL-TF

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



MODEL: NEMA256T
REV.DISC:

SCALE: 1:3.5
VERSION:

DATE:
REVISED:

UNITS:
BY:

WWW.TECHTOP.COM

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