



Model Number GX3-AL-TF-286TSC-2-B-D-30-230|460-60

MFG PN T286TS30U2B

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	286
Rated Motor Speed	3550 r/min	Enclosure	TEFC
Rated Motor Voltage (3 Phase)	230 460-60 Volts - HZ	Approximate Weight	294.8
Rated Motor Current	67.0/33.5 Amps	NEMA Design	A
Service Factor	1.25	IP Rating	55
KVA Code	J	Insulation Class	F
Nominal Efficiency	91.7 %	Tropicalization	YES
Nominal Power Factor	0.9 cosθ	Duty	Cont.
Full Load Torque Ft-Lb	43.5184 Ft-Lb	Cable Entry	1.25
Temp Rise @ Full Load °C	67.5	Feet Removable	YES
Efficiency Level	IE3 - NEMA Premium	Double Drilled	NO

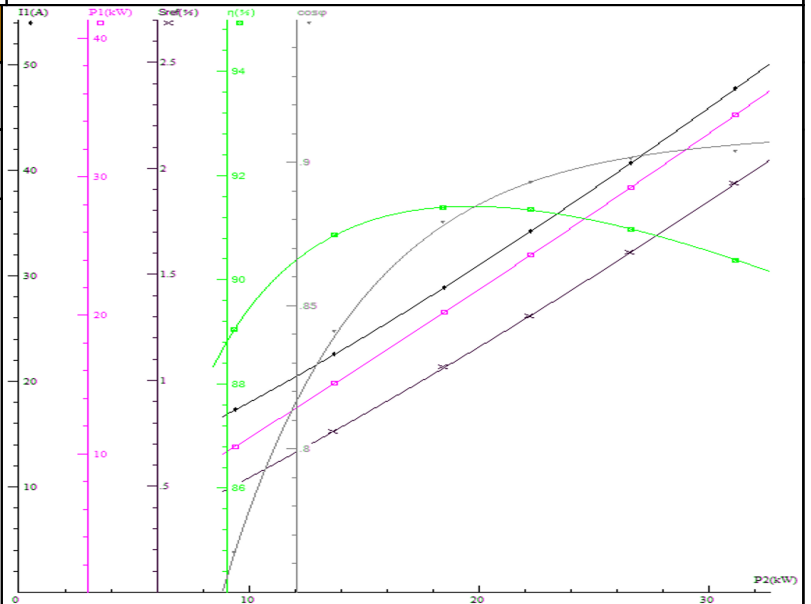
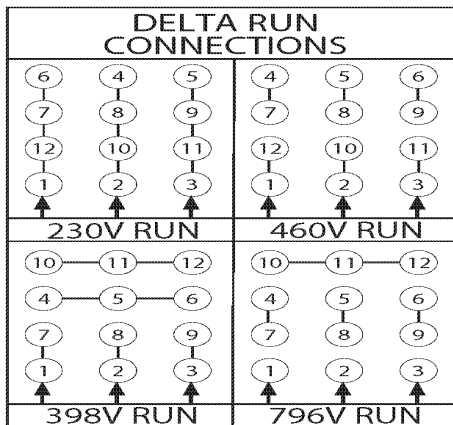
Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	40
Locked Rotor	-	225	297.4	Rated Altitude (M)	1000
Breakdown	-	318	-	Coating	7024 - Graphite Grey
Pull Up	-	147	-	Shaft Grounding	Yes
125% of FL	3540	-	42	Brake Voltage (DC)	--
75% of FL	3566	-	26.2	Brake Torque (N-M)	--
50% of FL	3578	-	19.21	Mechanical Data	
No Load	3591	-	10.42		

Hazardous Location	Class 1, Div 2, Grp A,B,C,D			Bearing DE Side	6311 C3
				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

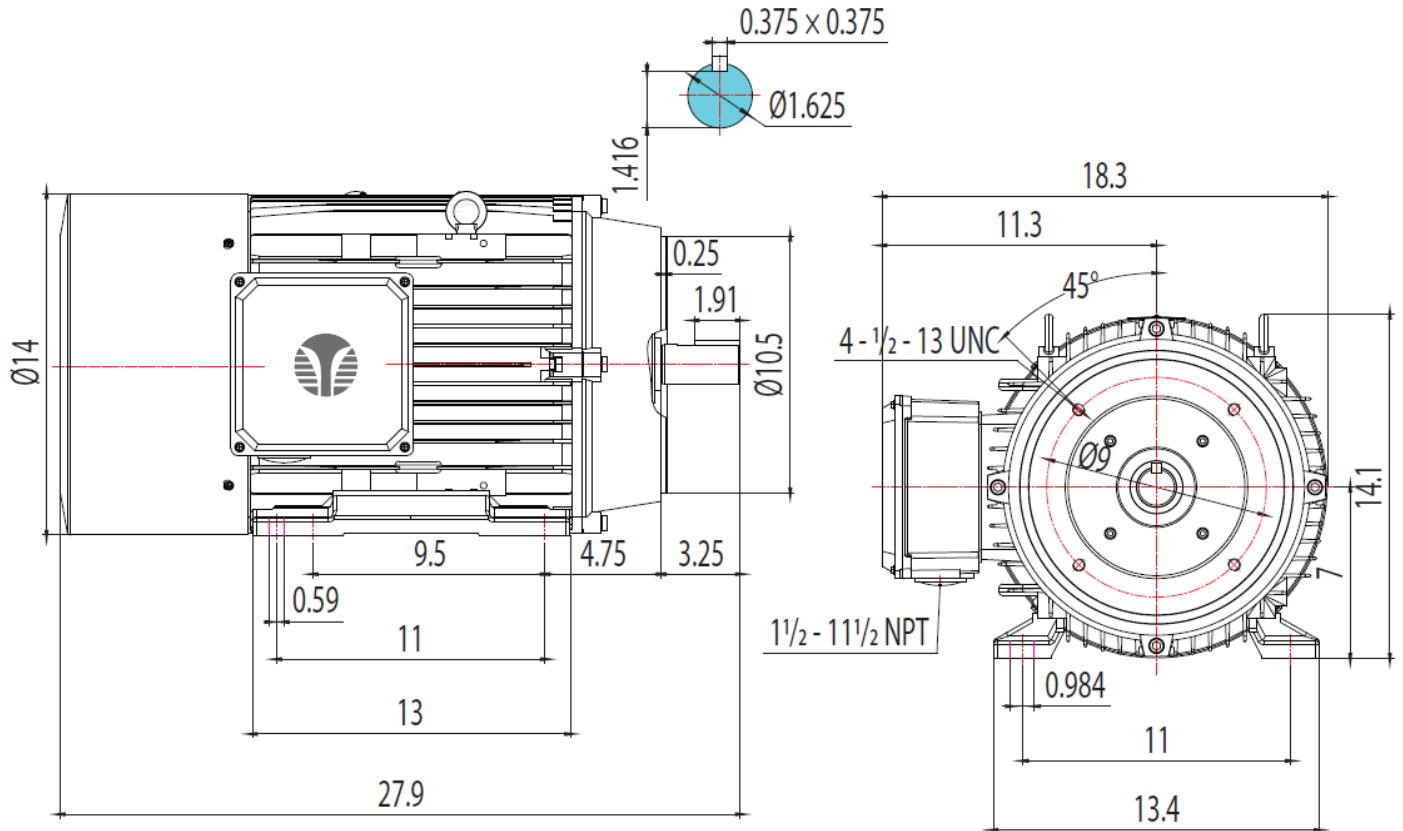
Wiring Diagram	3PH 12 Lead Dual Voltage
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Model Number	GX3-AL-TF-286TSC-2-B-D-30-230 460-60
MFG PN	T286TS30U2B
List Price	--
Base Frame	GX-286TSC-AL-TF

FRAME: 280TSC | HP: | RPM: | PHASE: 3 | VOLT: 208-230/460V | ENCL: TEFC | FREQ: 60 Hz | FLA: | LRA:



MATERIAL: ALUMINUM
UNITS: INCH | BY: SSEE
DRAWN: 7/31/2019
WWW.TECHTOP.COM

MODEL NUMBER:
GX3-AL-TF-280TSC
MFG PN:

REV.	BY	DATE
1		
2		
3		
4		
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7		

CHANGES

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