TECHTOP electric motors	**Model Number**	**DC12-90-56-NV-90V**	
	MFG PN	**123ZYT5.0A**	
	List Price	**--**	
All data shown at HIGH voltage setting		Format	STD 1 Phase

Electrical Data		**General Data**	
Rated Motor Output Power	0.5 HP	Frame Size	56
Rated Motor Speed	1,750 r/min	Enclosure	TENV
Rated Motor Voltage (1 Phase)	90V Volts - HZ	Approximate Weight	--
Rated Motor Current	5.0A Amps	NEMA Design	--
Service Factor	1	IP Rating	55
KVA Code	--	Insulation Class	F
Nominal Efficiency	-- %	Tropicalization	Yes
Nominal Power Factor	-- cosθ	Duty	CONT
Full Load Torque Ft-Lb	-- Ft-Lb	Cable Entry	M22 X 1
Temp Rise @ Full Load °C	--	Feet Removable	YES
Efficiency Level	--	Double Drilled	NO

Load Data	**RPM**	**Trq %FL**	**Current Amps**
Locked Rotor	-	--	--
Breakdown	-	--	-
Pull Up	-	--	-
125% of FL	--	-	--
75% of FL	--	-	--
50% of FL	--	-	--
No Load	--	-	--
Hazardous Location	**CLI/II Div2 Grp C,D/F,G**		

Rated Ambient (°C)	40
Rated Altitude (M)	1000
Coating	7058 - Graphite Grey
Start Capacitor (µF / V / Qty)	--
Run Capacitor (µF / V / Qty)	--
Centrifugal Switch Type	--
Mechanical Data	
Bearing DE Side	--
Bearing NDE Side	--
Moment of Inertia	-- kg.m2
Noise Level	Per NEMA dB (A)

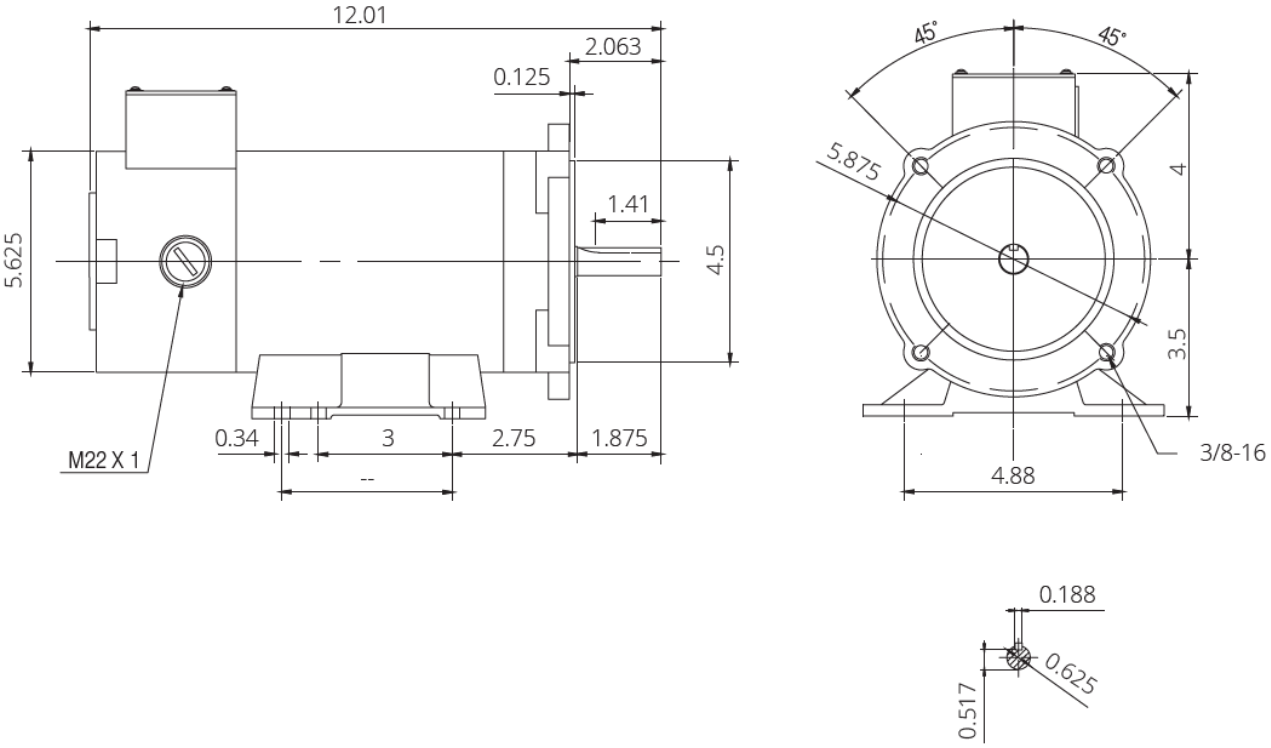
CT VFD Range	--	**Loaded Torque Curves**	**--**
		P1 = INPUT POWER (KW), S = Slip (% of Sync RPM), η = Efficiency (%), cosϕ = Power Factor	

Certifications	UL	CSA	DOE
File Numbers	**323353**	**224693**	096A
Wiring Diagram	--		

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

Model Number	DC12-90-56-NV-90V
MFG PN	123ZYT5.0A
List Price	--
Base Frame	DC-56C-RS-TN

FRAME: 56C	HP: 1/2	RPM: 1800	VOLTAGE TYPE: DC	DC VOLTAGE: 90V	ENCLOSURE: TENV	FLA: 5.2	WEIGHT: 25 lbs.



MODEL NUMBER:	REV.	BY	DATE	CHANGES
DC12-90-56-NV	1			
MFG PN:	2			
	3			
	4			
	5			
	6			
	7			

MATERIAL: ROLLED STEEL
UNITS: INCH BY: ARE
DATE: 4/12/2018
WWW.TECHTOP.COM