TECHTOP electric motors	**Model Number**	**DC1-90-56-FC-90V**	
	MFG PN	**123ZYT10.0A**	
	List Price	**--**	
All data shown at HIGH voltage setting		Format	STD 1 Phase

Electrical Data		**General Data**	
Rated Motor Output Power	1 HP	Frame Size	56
Rated Motor Speed	1,750 r/min	Enclosure	TEFC
Rated Motor Voltage (1 Phase)	90V Volts - HZ	Approximate Weight	--
Rated Motor Current	10.0A Amps	NEMA Design	--
Service Factor	1	IP Rating	54
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

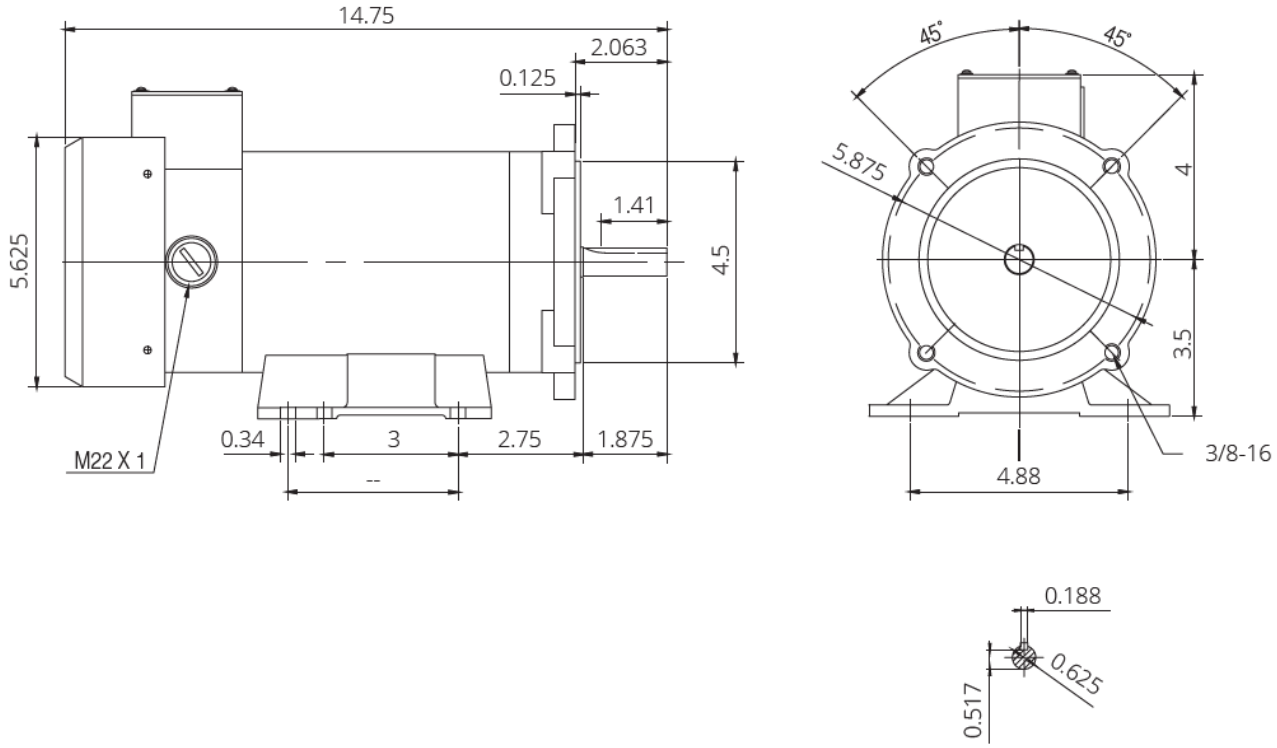
Load Data	**RPM**	**Trq %FL**	**Current Amps**	Rated Ambient (°C)	40
Locked Rotor	-	--	--	Rated Altitude (M)	1000
Breakdown	-	--	-	Coating	7058 - Graphite Grey
Pull Up	-	--	-	Start Capacitor (µF / V / Qty)	--
125% of FL	--	-	--	Run Capacitor (µF / V / Qty)	--
75% of FL	--	-	--	Centrifugal Switch Type	--
50% of FL	--	-	--	**Mechanical Data**	
No Load	--	-	--	Bearing DE Side	--
Hazardous Location	**CLI/II Div2 Grp C,D/F,G**			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	DC1-90-56-FC-90V
MFG PN	123ZYT10.0A
List Price	--
Base Frame	DC-56C-RS-TF



TECHTOP	MODEL NUMBER:	REV.	BY	DATE	CHANGES
	DC-56-FC	1			
	MFG PN:	2			
MATERIAL: ROLLED STEEL		3			
UNITS: INCH BY: ARE		4			
DATE: 4/12/2018		5			
WWW.TECHTOP.COM		6			
		7			