

				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	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	--						
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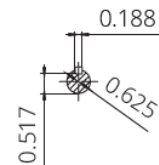
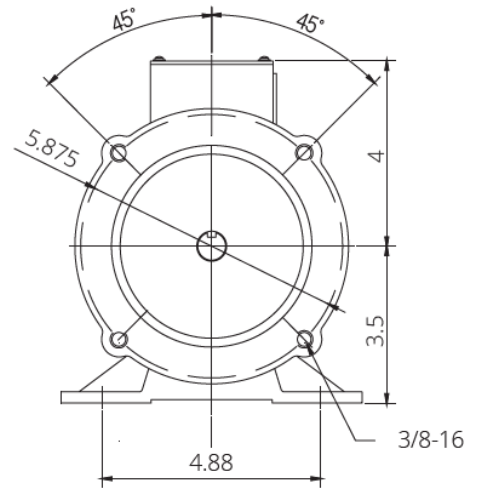
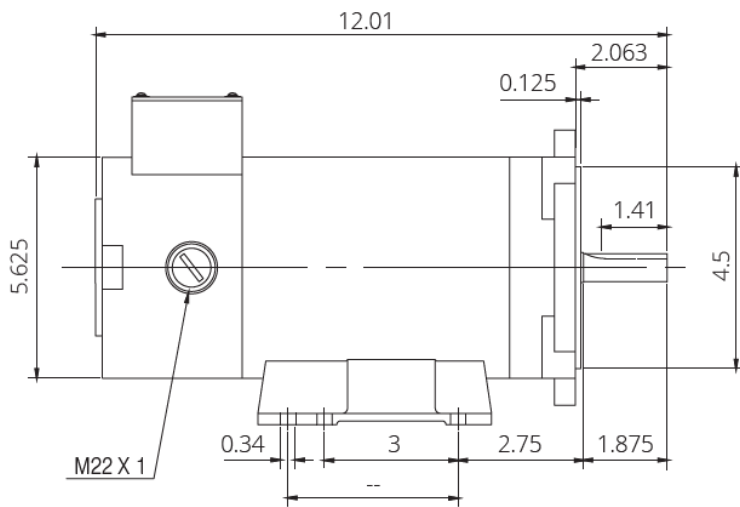
Model Number DC12-90-56-NV-90V

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:
DC12-90-56-NV

MFG PN:

REV.	BY	DATE
1		
2		
3		
4		
5		
6		
7		

CHANGES

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

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