



Model Number

SS3-TN-56C-2-D-0.5-230|460-60

MFG PN

TSSN56 1/2U2B

List Price

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All data shown at HIGH voltage setting

Format STD 3 Phase

Electrical Data

General Data

Rated Motor Output Power	0.5 HP	Frame Size	56
Rated Motor Speed	3510 r/min	Enclosure	TENV
Rated Motor Voltage (3 Phase)	230 460-60 Volts - HZ	Approximate Weight	34.9
Rated Motor Current	1.37/0.68 Amps	NEMA Design	B
Service Factor	1.25	IP Rating	69K
KVA Code	M	Insulation Class	F
Nominal Efficiency	82.5 %	Tropicalization	YES
Nominal Power Factor	0.83 cosθ	Duty	Cont.
Full Load Torque Ft-Lb	0.759728 Ft-Lb	Cable Entry	0
Temp Rise @ Full Load °C	45	Feet Removable	NO
Efficiency Level	IE3 - NEMA Premium	Double Drilled	0

Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	40
Locked Rotor	-	280	6.25	Rated Altitude (M)	1000
Breakdown	-	383	-	Coating	unpainted - unpainted
Pull Up	-	234	-	Shaft Grounding	NO
125% of FL	3494	-	0.81	Brake Voltage (DC)	--
75% of FL	3538	-	0.56	Brake Torque (N-M)	--
50% of FL	3558	-	0.46	Mechanical Data	
No Load	--	-	0.34		
Hazardous Location	--			Bearing DE Side	6205 2RS
				Bearing NDE Side	6204 2RS
				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 (%), $\cos\phi$ = Power Factor	

Certifications	UL	CSA	DOE
File Numbers	323353	224693	096A
Wiring Diagram	3PH 9 Lead Dual Voltage		

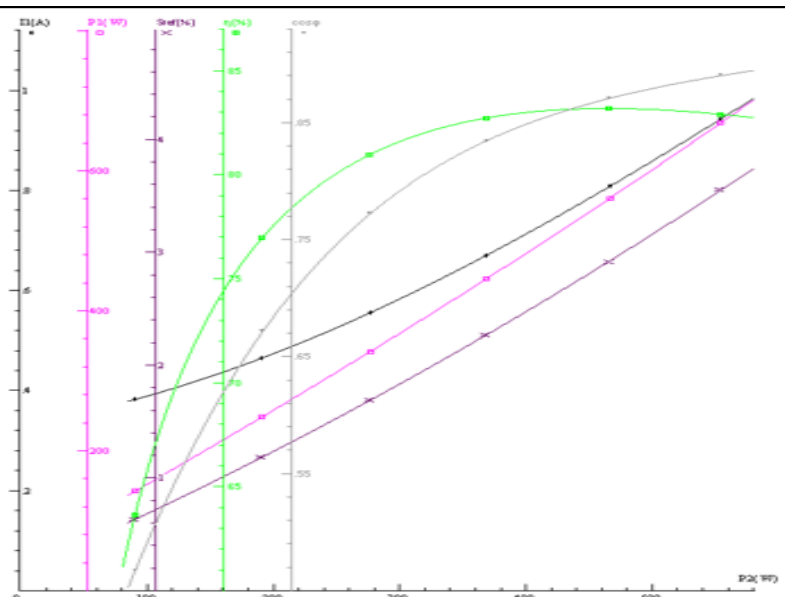
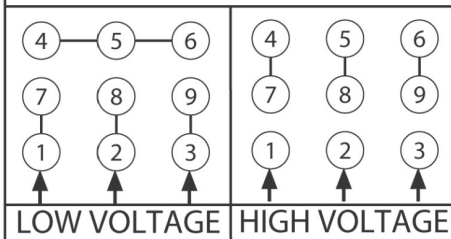
3 Phase - YY/Y - 9 Lead

4,1 Blue / 5,2 White / 6,3 Org / 7 Yl / 8 Blk / 9 RD

Cast Iron- 1,2,3 Top - 4,5,6,7,8,9 Bottom

Aluminum - 4,5,6,8,9 Top - 1,2,3,7 Bottom

CONNECTIONS

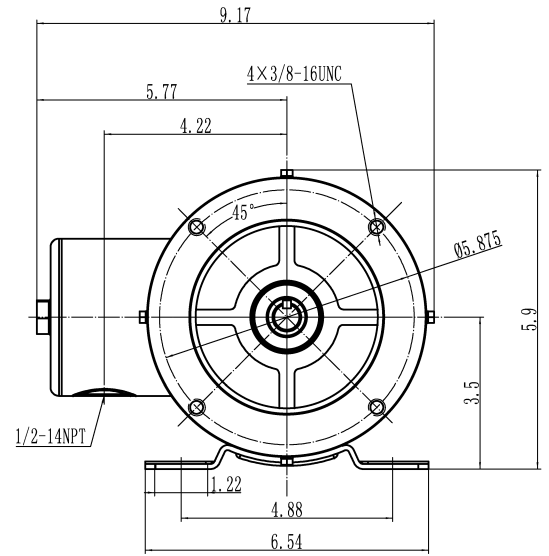
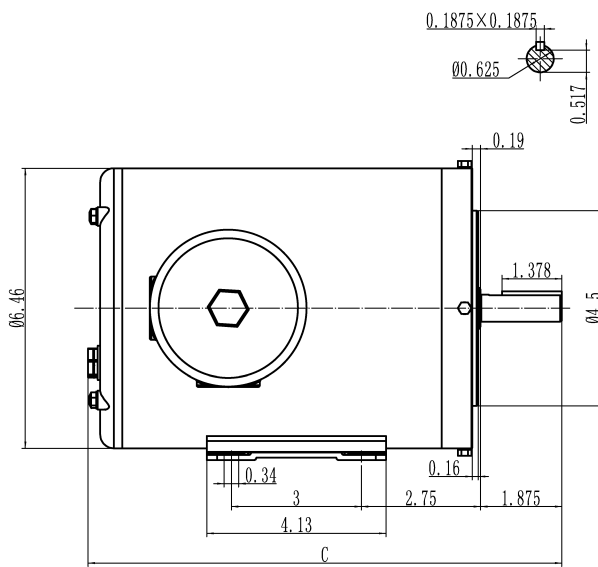


Techtop Industries -2815 Colonnades Court - Peachtree Corners, GA 30071 - Phone: (678) 436-5540



Model Number	SS3-TN-56C-2-D-0.5-230 460-60
MFG PN	TSSN56 1/2U2B
List Price	--
Base Frame	SS-56C-SS-TN

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



TSSN56 3/4U2B	3/4	11
TSSN56 1/2U2B	1/2	10.4
TSSN56 3/4U4B	3/4	11.6
TSSN56 1/2U4B	1/2	11
型号	功率 (HP)	C



MODEL:	TSSN56	SCALE: 1:2	DATE:	UNITS:	
REV.DISC:		VERSION:	REVISED:	BY:	
					WWW.TECHTOP.COM

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