



<b>Model Number</b>	SS3-TN-56C-4-D-0.75-RND-230 460-60
<b>MFG PN</b>	TSSN56 3/4U4B
<b>List Price</b>	--

All data shown at HIGH voltage setting

Format STD 3 Phase

Electrical Data		General Data	
Rated Motor Output Power	0.75 HP	Frame Size	56
Rated Motor Speed	1760 r/min	Enclosure	TENV
Rated Motor Voltage (3 Phase)	230 460-60 Volts - HZ	Approximate Weight	45.7
Rated Motor Current	2.42/1.21 Amps	NEMA Design	B
Service Factor	1.25	IP Rating	69K
KVA Code	N	Insulation Class	F
Nominal Efficiency	85.5 %	Tropicalization	YES
Nominal Power Factor	0.68 cosθ	Duty	Cont.
Full Load Torque Ft-Lb	2.227552 Ft-Lb	Cable Entry	0
Temp Rise @ Full Load °C	50.1	Feet Removable	NO
Efficiency Level	IE3 - NEMA Premium	Double Drilled	0

Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)
Locked Rotor	-	347	10	40
Breakdown	-	446	-	Rated Altitude (M)
Pull Up	-	319	-	1000
125% of FL	1756	-	1.34	Coating
75% of FL	1775	-	1.03	unpainted - unpainted
50% of FL	1783	-	0.92	Shaft Grounding
No Load	--	-	0.82	NO

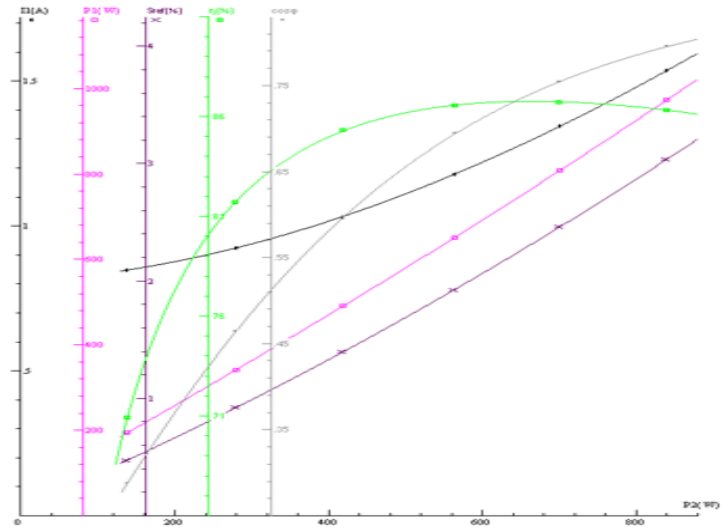
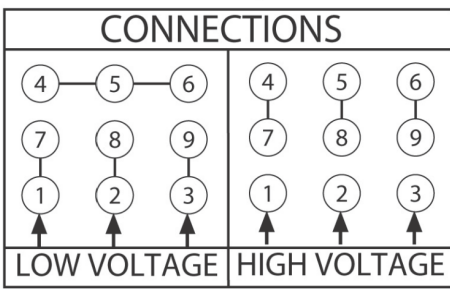
				Mechanical Data	
Hazardous Location				Bearing DE Side	6205 2RS
				Bearing NDE Side	6204 2RS
				Moment of Inertia	-- kg.m2
				Noise Level	Per NEMA dB (A)

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

Certifications	UL	CSA	DOE
File Numbers	323353	224693	096A

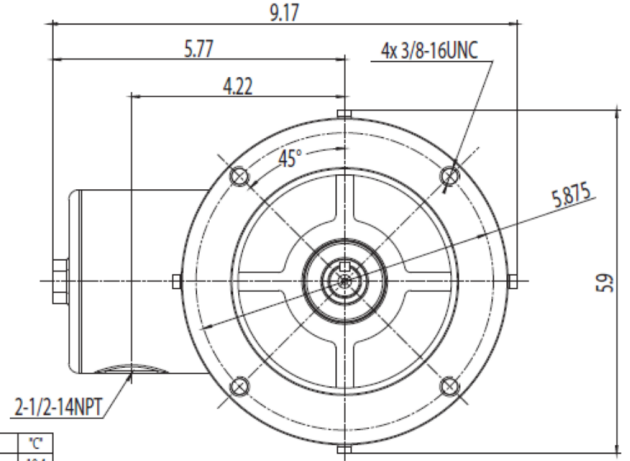
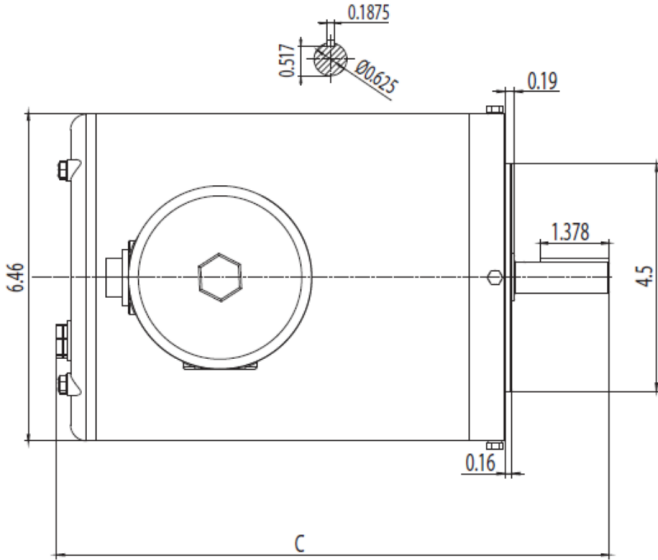
**Wiring Diagram** 3PH 9 Lead Dual Voltage

**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





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List Price	--
Base Frame	RN-56C-SS-TF



HP	"C"
0.5 2P	10.4
0.33 4P	10.4
0.5 4P	11
0.75 2P	11
0.75 4P	11.6

MODEL NUMBER	RN-56C-AL-TF	ISSUE DATE:	5/2025
DIMENSIONS	IN		
CASTING MATERIAL	ALUMINUM	WWW.TECHTOPIND.COM	

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