TECHTOP electric motors	**Model Number**	**WX3-AL-TF-56C-2-B-D-.5-230|460-60**	
	MFG PN	**T561/2U2B**	
	List Price	**--**	

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	3470 r/min	Enclosure	TEFC
Rated Motor Voltage (3 Phase)	230|460-60 Volts - HZ	Approximate Weight	
Rated Motor Current	Amps	NEMA Design	B
Service Factor	1.15	IP Rating	56
KVA Code	K	Insulation Class	F
Nominal Efficiency	66.5 %	Tropicalization	YES
Nominal Power Factor	0.73 cosθ	Duty	cont
Full Load Torque Ft-Lb	Ft-Lb	Cable Entry	1.25
Temp Rise @ Full Load °C	17.4	Feet Removable	YES
Efficiency Level	IE3 - NEMA Premium	Double Drilled	NO

Load Data	**RPM**	**Trq %FL**	**Current Amps**	Rated Ambient (°C)	40
Locked Rotor	-	315	5.83	Rated Altitude (M)	1000
Breakdown	-	380	-	Coating	7024 - Graphite Grey
Pull Up	-	304	-	Shaft Grounding	NO
125% of FL	3460	-	0.94	Brake Voltage (DC)	
75% of FL	3521	-	0.73	Brake Torque (N-M)	
50% of FL	3547	-	0.67	**Mechanical Data**	
No Load		-	0.63	Bearing DE Side	6204ZZ
Hazardous Location	**Class 1, Div2, Grp A,B,C,D**			Bearing NDE Side	6204ZZ
				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

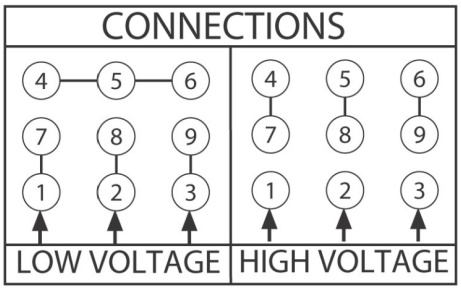
Certifications	UL	CSA	DOE
File Numbers	**323353**	**224693**	096A
Wiring Diagram	**3PH 9 Lead Dual Voltage**		

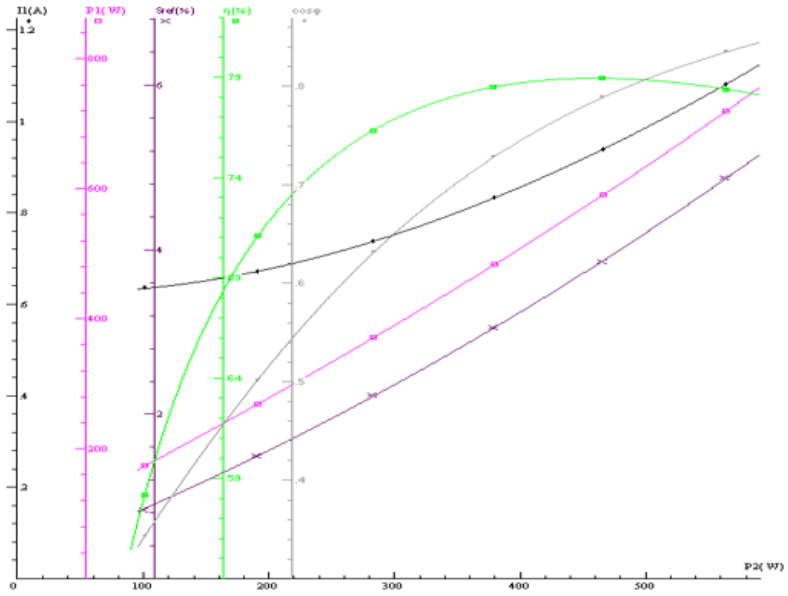
3 Phase - YY/Y - 9 Lead

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

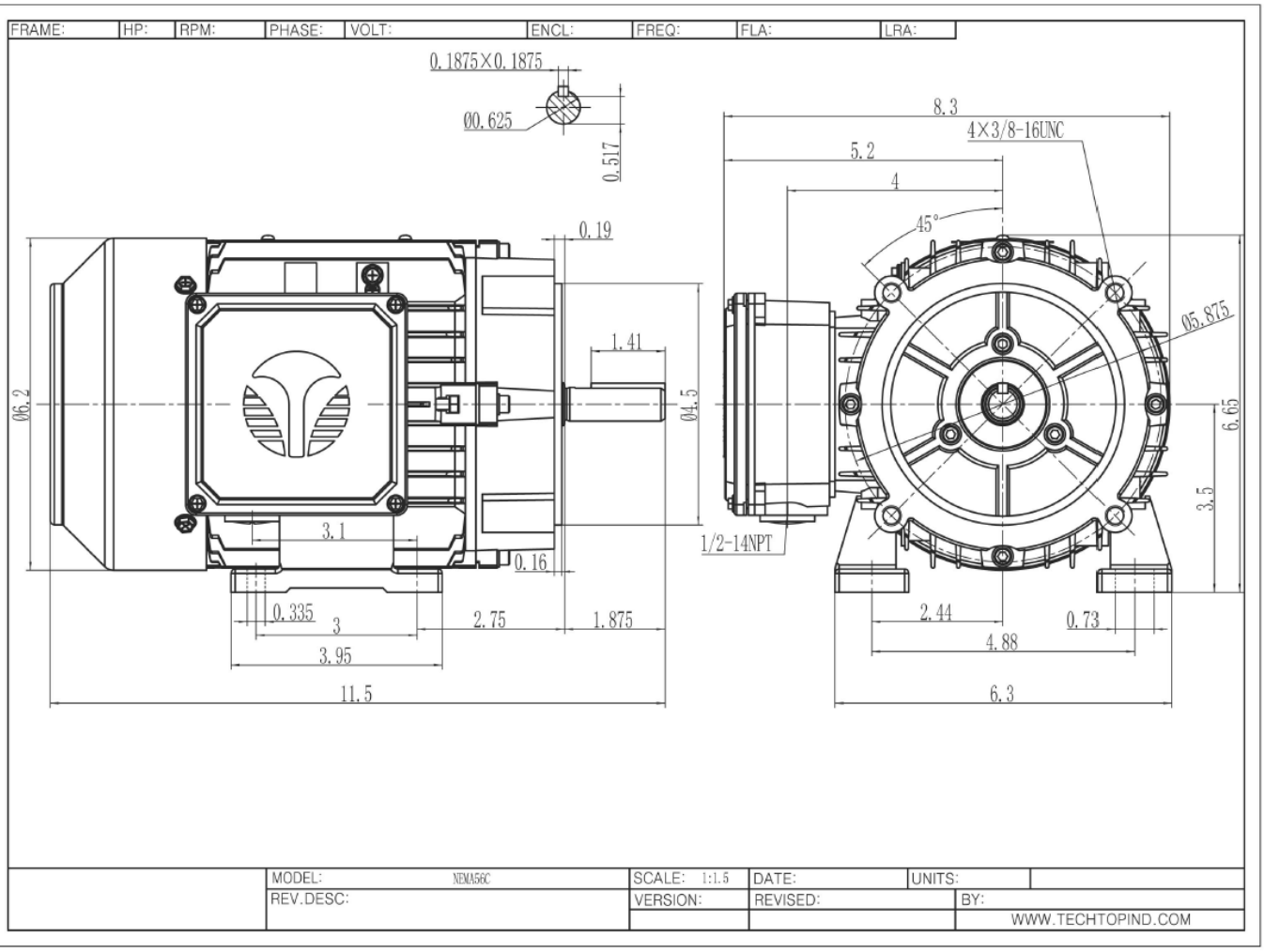
Aluminum - 4,5,6,8,9 Top - 1,2,3,7 Bottom





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

Model Number	WX3-AL-TF-56C-2-B-D-.5-230|460-60
MFG PN	T561/2U2B
List Price	--
Base Frame	WX-56C-AL-TF



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