TECHTOP electric motors

Model Number	**CB3-AL-TF-56C-2-B-D-.75-230|460-60**
MFG PN	**--**
List Price	**--**

All data shown at HIGH voltage setting — Format: STD 3 Phase

Electrical Data	
Rated Motor Output Power	0.75 HP
Rated Motor Speed	3500 r/min
Rated Motor Voltage (3 Phase)	230|460-60 Volts - HZ
Rated Motor Current	2.4/1.2 Amps
Service Factor	1.25
KVA Code	L
Nominal Efficiency	77 %
Nominal Power Factor	0.75 cosθ
Full Load Torque Ft-Lb	1.55 Ft-Lb
Temp Rise @ Full Load °C	40.4
Efficiency Level	IE3 - NEMA Premium

Load Data	**RPM**	**Trq %FL**	**Current Amps**
Locked Rotor	-	315	8.6
Breakdown	-	344	-
Pull Up	-	243	-
125% of FL	3474	-	1.37
75% of FL	3529	-	1.05
50% of FL	3552	-	0.94
No Load	--	-	0.88

Hazardous Location	**Class 1, Div2 Grp A,B,C, D**
CT VFD Range	--

General Data	
Frame Size	56
Enclosure	TEFC
Approximate Weight	17
NEMA Design	B
IP Rating	55
Insulation Class	F
Tropicalization	YES
Duty	Cont.
Cable Entry	■"-14 NPT
Feet Removable	YES
Double Drilled	NO
Rated Ambient (°C)	40
Rated Altitude (M)	1000
Coating	7024 - Graphite Grey
Shaft Grounding	YES
Brake Voltage (DC)	--
Brake Torque (N-M)	--
Mechanical Data	
Bearing DE Side	6204 ZZ
Bearing NDE Side	6204 ZZ
Moment of Inertia	-- kg.m2
Noise Level	Per NEMA dB (A)
Loaded Torque Curves	**--**

P1 = INPUT POWER (KW), S = Slip (% of Sync RPM), η = Efficiency (%), cosϕ = Power Factor

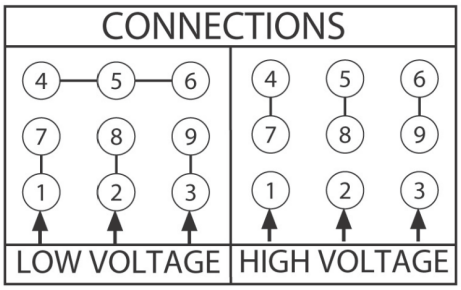
Certifications	UL	CSA	DOE
File Numbers	**323353**	**224693**	096A
Wiring Diagram	**3PH 9 Lead Dual Voltage**		

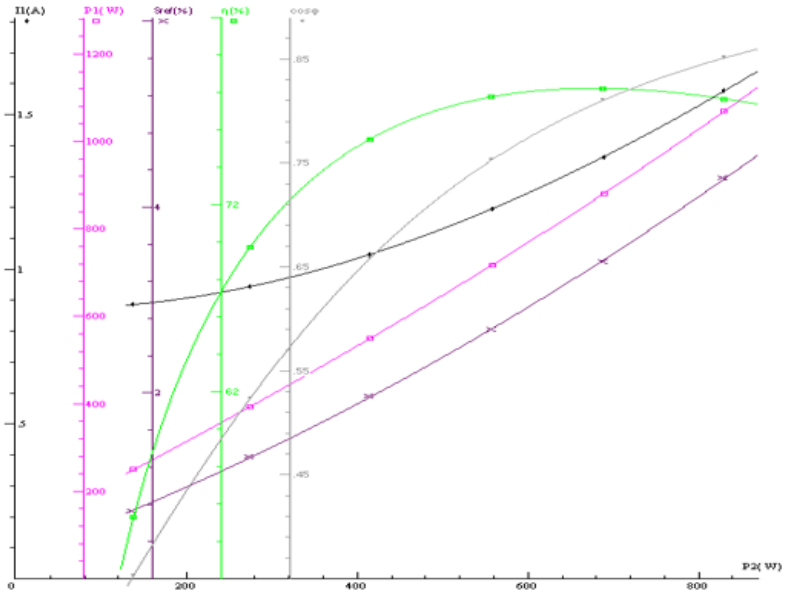
3 Phase - YY/Y - 9 Lead

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

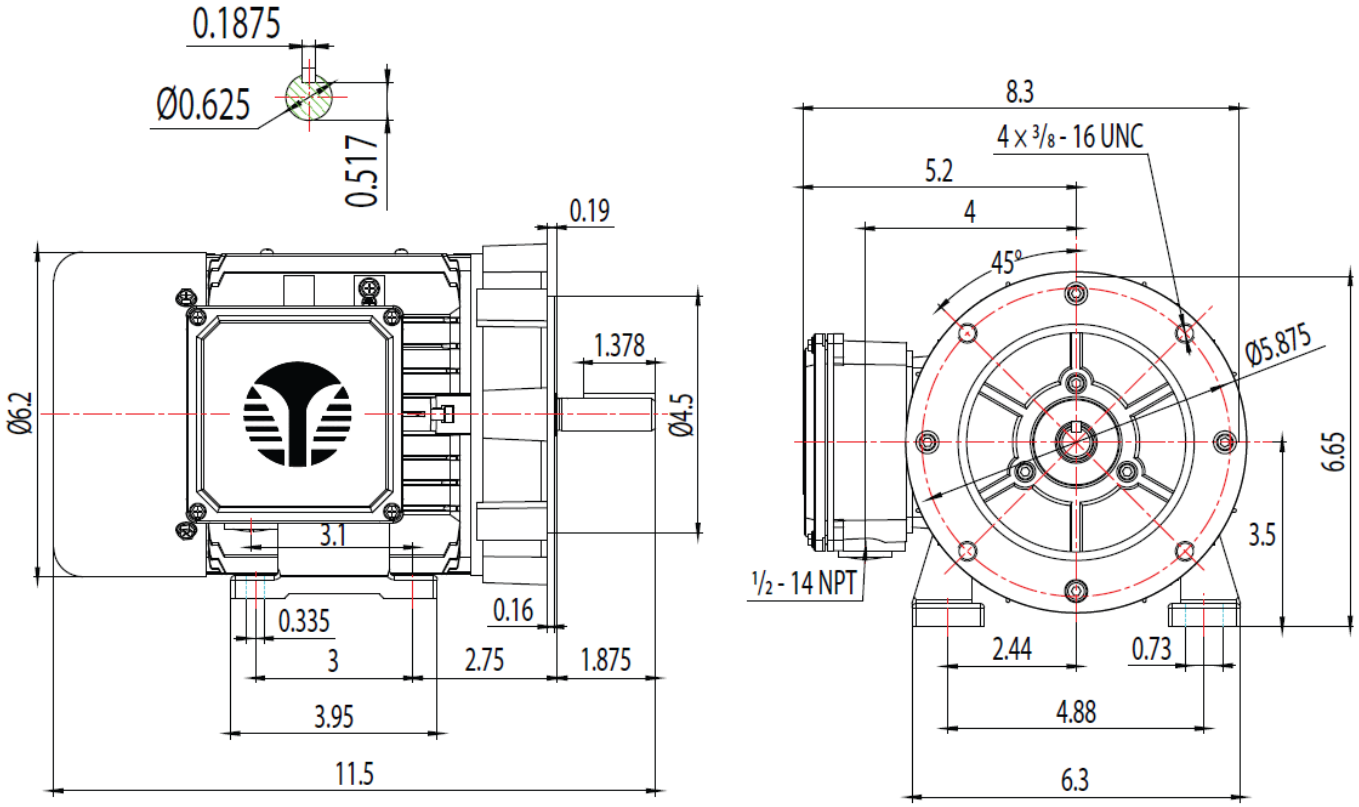
Aluminum - 4,5,6,8,9 Top - 1,2,3,7 Bottom





Model Number	CB3-AL-TF-56C-2-B-D-.75-230|460-60
MFG PN	--
List Price	--
Base Frame	CB-56C-AL-TF

FRAME: 56C	HP:	RPM:	PHASE: 3	VOLT: 230/460V	ENCL: TEFC	FREQ: 60 Hz	FLA:	LRA:



MODEL NUMBER:	REV.	BY	DATE	CHANGES
CB3-AL-TF-56C	1			
MFG PN:	2			
	3			
	4			
	5			
	6			
	7			

MATERIAL: ALUMINUM
UNITS: INCH BY: SSEE
DRAWN: 1/3/2019
WWW.TECHTOP.COM