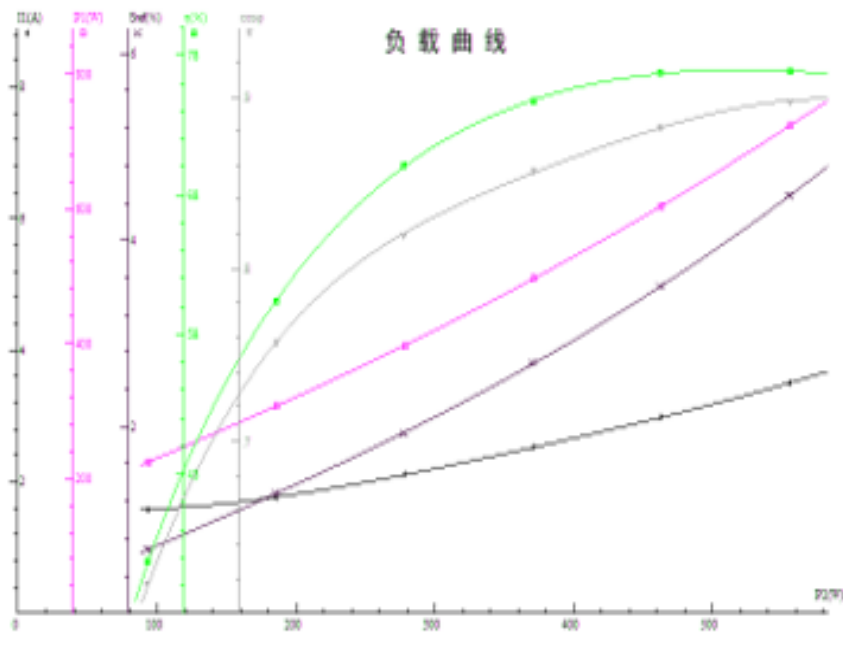


				Model Number		CB1-AL-TF-56C-4-B-C-.5-115 230-60	
				MFG PN		TLF56 1/2Z4L	
				List Price		--	
All data shown at HIGH voltage setting						Format	STD 1 Phase
Electrical Data				General Data			
Rated Motor Output Power		0.5 HP		Frame Size		56	
Rated Motor Speed		1745 r/min		Enclosure		TEFC	
Rated Motor Voltage (1 Phase)		115 230-60 Volts - HZ		Approximate Weight		22.7	
Rated Motor Current		4.75/2.37 Amps		NEMA Design		L	
Service Factor		1.25		IP Rating		55	
KVA Code		K		Insulation Class		F	
Nominal Efficiency		77 %		Tropicalization		YES	
Nominal Power Factor		0.88 cosθ		Duty		Cont.	
Full Load Torque Ft-Lb		1.4752 Ft-Lb		Cable Entry		1-NPT 1/2	
Temp Rise @ Full Load °C		23.3		Feet Removable		YES	
Efficiency Level		IE3 - NEMA Premium		Double Drilled		NO	
Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)		40	
Locked Rotor	-	261	17	Rated Altitude (M)		1000	
Breakdown	-	311	-	Coating		7024 - Graphite Gray	
Pull Up	-	236	-	Start Capacitor (µF / V / Qty)		200uF/ 165V	
125% of FL	1737	-	2.97	Run Capacitor (µF / V / Qty)		40uF/ 250V	
75% of FL	1765	-	2.1	Centrifugal Switch Type		CSF56-4-S	
50% of FL	1777	-	1.76	Mechanical Data			
No Load	--	-	1.52	Bearing DE Side		6204-ZZ	
Hazardous Location	--			Bearing NDE Side		6204-ZZ	
				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	1PH CB1 6 Lead Dual Voltage						
CONNECTIONS LOW VOLTAGE T1 T3 T8 T2 T4 T5 Line 1 Line 2 T1 - Line 1 T2 T3 T8 T4 T5 Line 2 HIGH VOLTAGE To Reverse Either Voltage Interchange T5 & T8							

TECHTOP
electric motors

Model Number

CB1-AL-TF-56C-4-B-C-.5-115|230-60

MFG PN

TLF56 1/2Z4L

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

1745 r/min

Enclosure

TEFC

Rated Motor Voltage (1 Phase)

115|230-60 Volts - HZ

Approximate Weight

22.7

Rated Motor Current

4.75/2.37 Amps

NEMA Design

L

Service Factor

1.25

IP Rating

55

KVA Code

K

Insulation Class

F

Nominal Efficiency

77 %

Tropicalization

YES

Nominal Power Factor

0.88 cosθ

Duty

Cont.

Full Load Torque Ft-Lb

1.4752 Ft-Lb

Cable Entry

1-NPT 1/2

Temp Rise @ Full Load °C

23.3

Feet Removable

YES

Efficiency Level

IE3 - NEMA Premium

Double Drilled

NO

Load Data

RPM

Trq %FL

Current Amps

Rated Ambient (°C)

40

Locked Rotor

-

261

17

Rated Altitude (M)

1000

Breakdown

-

311

-

Coating

7024 - Graphite Gray

Pull Up

-

236

-

Start Capacitor (µF / V / Qty)

200uF/ 165V

125% of FL

1737

-

2.97

Run Capacitor (µF / V / Qty)

40uF/ 250V

75% of FL

1765

-

2.1

Centrifugal Switch Type

CSF56-4-S

50% of FL

1777

-

1.76

Mechanical Data

No Load

--

-

1.52

Bearing DE Side

6204-ZZ

Bearing NDE Side

6204-ZZ

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

1PH CB1 6 Lead Dual Voltage

CONNECTIONS

LOW VOLTAGE

T1

T3

T8

T2

T4

T5

Line 1

Line 2

T1 - Line 1

T2

T3

T8

T4

T5

Line 2

HIGH VOLTAGE

To Reverse Either Voltage Interchange T5 & T8

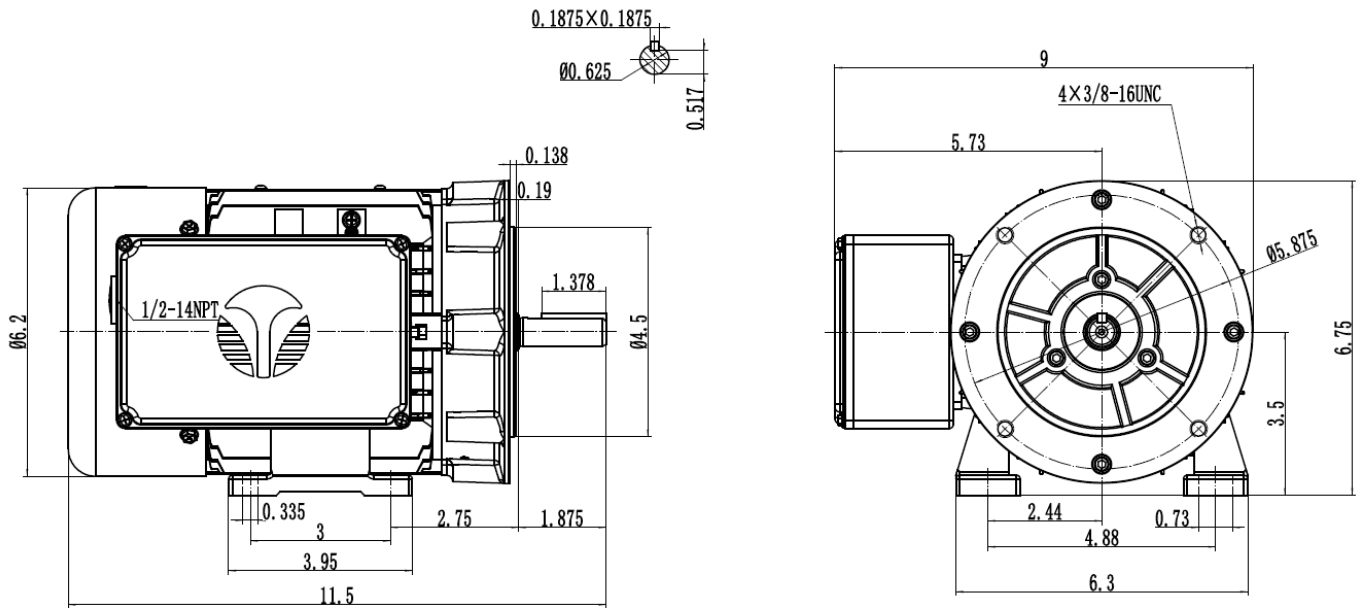
负载曲线

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



Model Number	CB1-AL-TF-56C-4-B-C-.5-115 230-60
MFG PN	TLF56 1/2Z4L
List Price	--
Base Frame	C1-56C-AL-TF

FRAME:	HP:	RPM:	PHASE:	VOLT:	ENCL:	FREQ:	FLA:	LRA:
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MODEL: TLF56C
REV. DESC:

SCALE: 1:1
VERSION:

DATE:
REVISED:

UNITS:
BY:

WWW.TECHTOP.COM

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