



A Regal Brand

Catalog # : 102861.00

Product Type: AC MOTOR

Description: ..1/2HP..1725RPM.S56C.TENV.208-230/460V.3PH.60HZ.CONT.40C.1.15SF.ROUND.C4T17NC46A.....S56C PLATFORM MODEL.NOT.....

Model: C4T17NC46A

Stock: Stock

Quote: Price:

Date: 01/06/2016

Hazardous Loc
Explosion Proof
Class
Class

NONE

Temp Op Code
GROUP
GROUP

Brake Motors
FORCE
VDC
ADC

Brake Coil OHMs @25 C

Performance					
Torque UOM	OZ-FT		Inertia (WK ²)	.053 LB-FT ²	
Torque	24(Full Load)		98(Break Down)	76(Pull Up)	91.4(Locked Rotor)
CURRENT (amps)	.9(Full Load)		0(Break Down)	0(Pull Up)	6.3(Locked Rotor)
Efficiency (%)	0(Full Load)		73.8(75% Load)	66.9(50% Load)	51.9(25% Load)
PowerFactor	0(Full Load)		60.2(75% Load)	47.5(50% Load)	33.1(25% Load)

Load Curve Data @60 HzVolts, 1/2Horsepower

Load	Amps	KW	RPM	Torque	Eff	PF	Rise By Resis	Frame Rise
0.0	0.65	0.121	1797	0.0	0.0	22.8	0.0	-
0.25	0.69	0.181	1787	5.92	51.9	33.1	0.0	-
0.5	0.72	0.275	1774	11.68	66.9	47.5	0.0	-
0.75	0.8	0.383	1760	18.08	73.8	60.2	0.0	-
1.0	1.0	0.487	1747	24.0	76.5	69.1	81.0	63.0
1.25	1.1	0.56	1737	28.16	77.6	73.8	0.0	-
1.5	1.2	0.605	1732	30.56	77.7	76.2	0.0	-
1.15	1.05	2.1	1735	28.0	76.5	70.0	0.0	-

SOURCE: CALCULATED GROUP: 3

Load Curve Data @60HzVolts, 1/2Horsepower

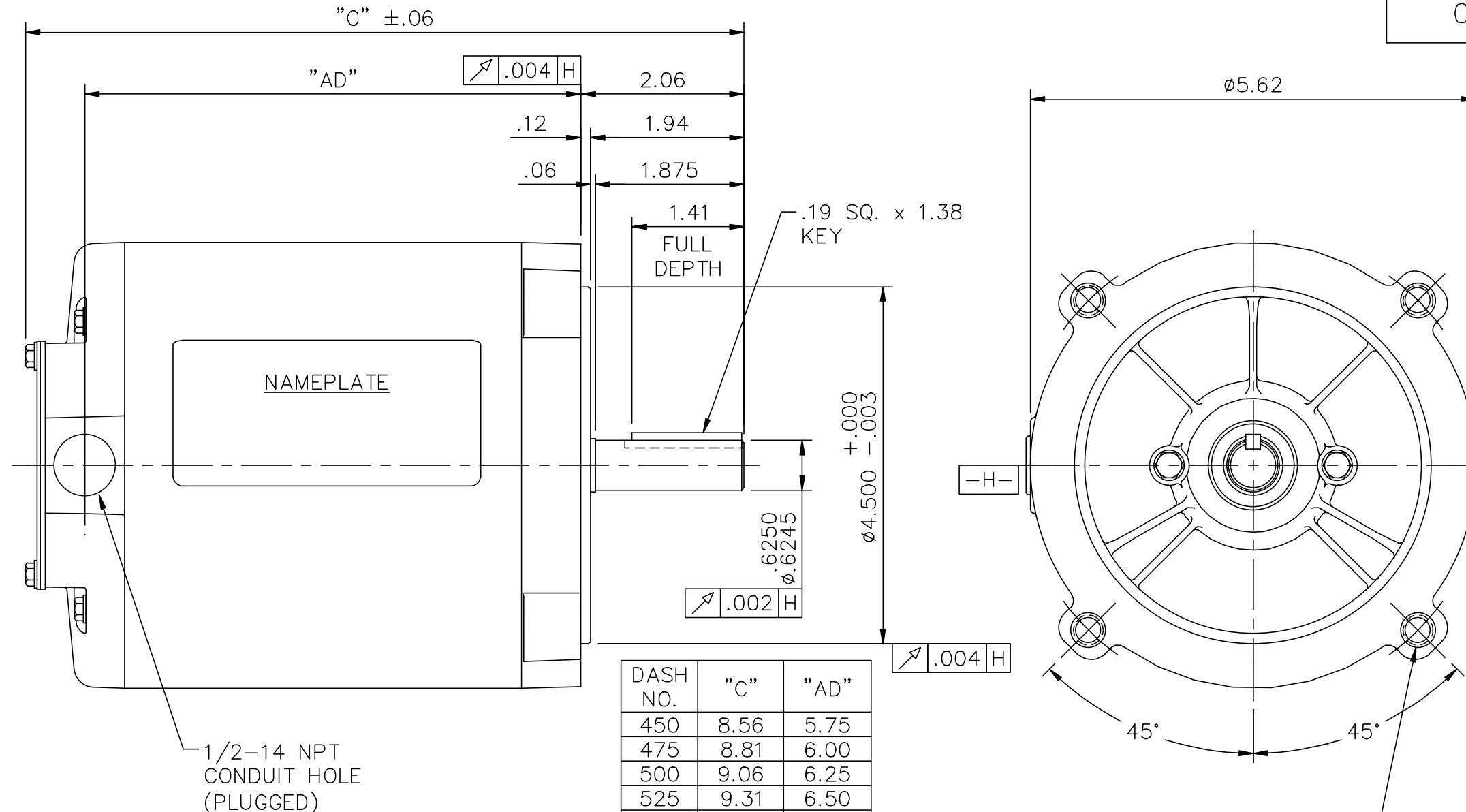
Load	Amps	KW	RPM	Torque	Eff	PF	Rise By Resis	Frame Rise
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Load Curve Data Not Available

Quote: Price:

Date: 01/06/2016


031654



DASH NO.	"C"	"AD"
450	8.56	5.75
475	8.81	6.00
500	9.06	6.25
525	9.31	6.50
550	9.56	6.75
575	9.81	7.00
600	10.06	7.25
625	10.31	7.50
650	10.56	7.75
675	10.81	8.00
750	11.56	8.75

3/8-16 UNC 2B TAP x .56 DEEP
(4) REQ'D. ON A Ø5.875 B.C.

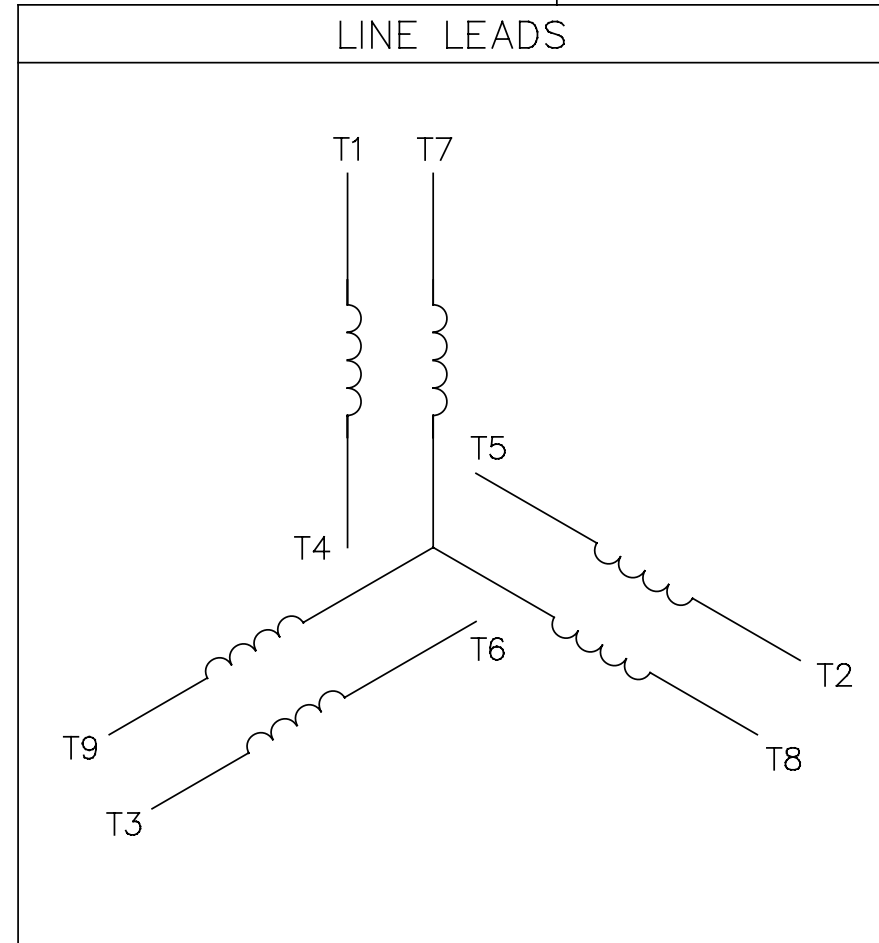
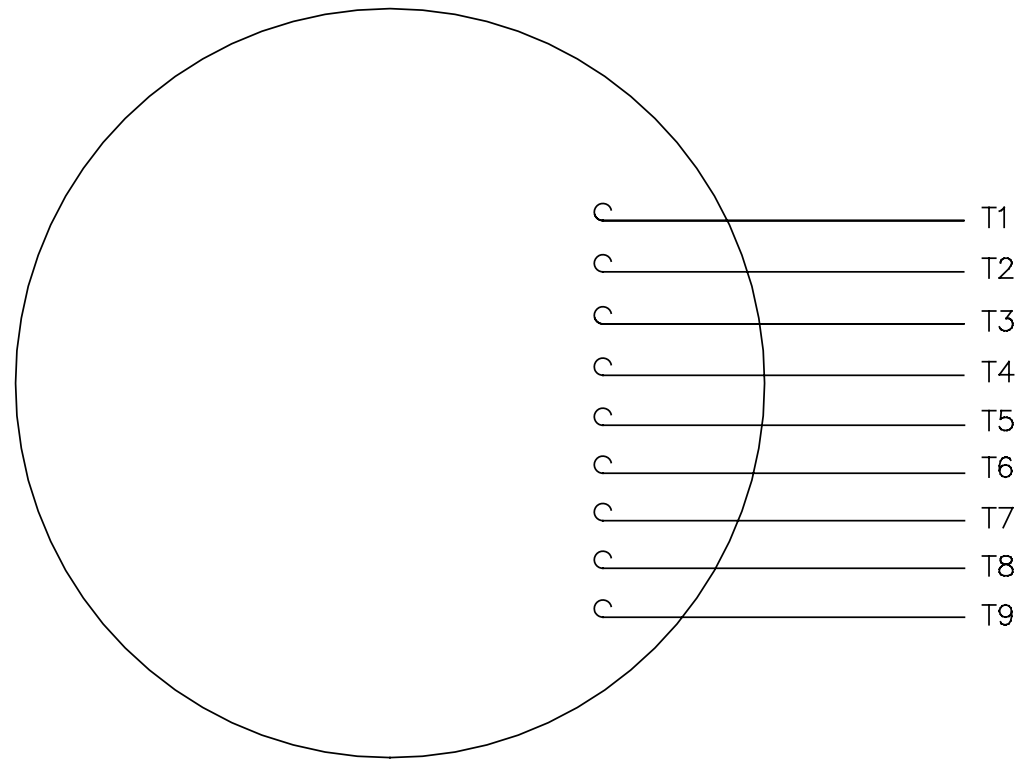
GASKETS THROUGHOUT

			TOLERANCES UNLESS SPECIFIED		 ELECTRIC MOTORS GEARMOTORS AND DRIVES	DRAWN PG 9/28/01
			DEC.	INCHES		CHK
			.X	±.1		APPD
			.XX	±.03		SCALE 1=2
			.XXX	±.005	TITLE	REF 031078
			.XXXX	±.0005	OUTLINE - S56C FRAME "C" FACE MOUNT - TENV	FMF 101648
01	REVISED CALLOUT FOR GD&T	KMM 6/6/02	CHK	ANG ±1/2°	MAT'L. 3 PHASE	PREV
NO.	REVISION	BY & DATE	RFP	CAD FILE	031654	REV. 01
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005010-01

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



VOLTAGE	L1	L2	L3	JOIN & INSULATE
HIGH	T1	T2	T3	(T4,T7) (T5,T8) (T6,T9)
LOW	T1,T7	T2,T8	T3,T9	T4,T5,T6

		TOLERANCES UNLESS SPECIFIED		REGAL™ Regal Beloit America, Inc.		DRAWN RDW 04/12/02	
		DEC.	INCHES			CHK	
		.X	±.1			APPD	
		.XX	±.01	TITLE		SCALE 1=1	
		.XXX	±.005	EXTERNAL WIRING DIAGRAM 3 PHASE W/O PROTECTOR		REF FIG.2-51	
A	UPDATED TO REGAL LOGO	SAJ	06/26/15	AJY	.XXXX ±.0005	MAT'L. DECAL - 004014	
NO.	REVISION	BY & DATE	CHK	ANG	±1/2°	FINISH	
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