



A Regal Brand

Catalog # : 101966.00
Product Type: AC MOTOR
Description:

Model: 101966.00
Stock: Y

Quote: Price:

Date: 08/21/2018



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Engineering Data

Volts	208-230	Volts	460	Volts	208-230/460
F.L. Amps	.9	F.L. Amps	.45	F.L. Amps	1/5
S. F Amps	1	S. F Amps	.5	S. F Amps	1.1/1.55

RPM	1800	Hertz	60/50	TYPE	TN
HP	1/4	Duty	CONTINUOUS	Phase	3
KW	0.19	Serv. Factor	1.15	Code	M
Frame	48CZ	Design	B	Therm.Prot.	
Max Amb	40	Protection	NOT	PF	68
Insul Class	B	Eff 75%		Bearing OPE	6203
Eff 100%	78	CSA	Yes	Bearing PE	6203
UL	Y-(LEESON UL REC)	CE	No	Speed Range	NONE
CC Number		Inverter Type			
Load Type					

Motor Wt.	20 LB	Enclosure	TENV	Lubrication	MULTEMP SRL
Nameplate	A-92005-4	Mounting	ROUND	Rotation	REV
Assembly	LO101966	Shaft Dia.	1/2 IN	Ext. Diag.	005010.01
Cust Part No		Outline	031703-550	Ext. Diag2	
Packaging	B	Outline Dash No		Winding	TE48451
Carton Label	Leeson Gen Purpose	Paint	BLUE - LEESON (ENAMEL)	GROUP :	3
Iris				Test Card	

Form Factor		RMS Amps		Const Torque	Speed Range
Torque		Peak			
AB Code		Peak@DegC			
Resistance					
Connection					

Rework Status Rework TYPE

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)		-1 LB-FT ²
Torque	12.06(Full Load)		61.16(Break Down)		52.05(Pull Up)
CURRENT (amps)	.49(Full Load)		2.43(Break Down)		3.3(Pull Up)
Efficiency (%)	0(Full Load)		72.2(75% Load)		64.5(50% Load)
PowerFactor	63.7(Full Load)		54.2(75% Load)		42.8(50% Load)

Load Curve Data @60/50 HzVolts,1/4Horsepower

Load	Amps	KW	RPM	Torque	Eff	PF	Rise By Resis	Frame Rise
0.0	0.4	0.052	1795	0.0	0.0	16.2	0.0	-
0.25	0.41	0.098	1787	3.03	48.1	30.3	0.0	-
0.5	0.42	0.145	1774	5.97	64.5	42.8	0.0	-
0.75	0.45	0.195	1762	9.03	72.2	54.2	0.0	-
1.0	0.49	0.248	1751	12.01	75.3	63.5	45.2	32.0
1.25	0.53	0.302	1736	15.19	77.3	71.0	0.0	-
1.5	0.59	0.359	1722	18.33	77.9	76.5	0.0	-
1.75	0.65	0.42	1705	21.65	77.8	81.0	0.0	-
2.0	0.72	0.483	1689	24.95	77.3	84.0	0.0	-

SOURCE: CALCULATED GROUP: 3

Load Curve Data @60/50HzVolts,1/4Horsepower

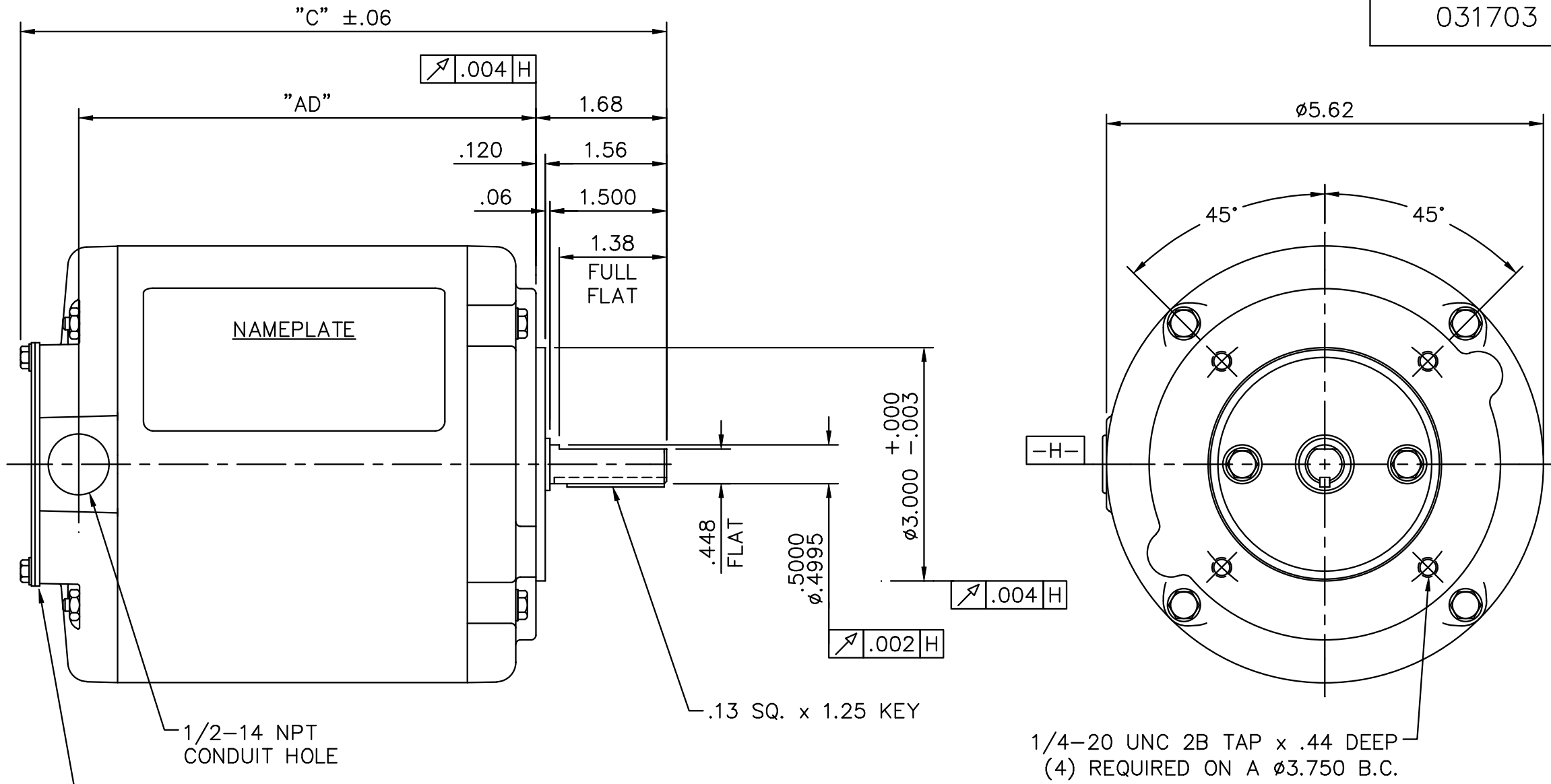
Load	Amps	KW	RPM	Torque	Eff	PF	Rise By Resis	Frame Rise
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Load Curve Data Not Available

Quote: Price:

Date: 08/21/2018

031703



DASH NO.	"C"	"AD"	DASH NO.	"C"	"AD"
450	8.31	5.88	575	9.56	7.13
475	8.56	6.13	600	9.81	7.38
500	8.81	6.38	625	10.06	7.63
525	9.06	6.63	650	10.31	7.88
550	9.31	6.88	675	10.56	8.13

			TOLERANCES UNLESS SPECIFIED		ELECTRIC MOTORS GEARMOTORS AND DRIVES TITLE: OUTLINE - 48C FRAME "C" FACE - TENV MAT'L: 3 PHASE FINISH:	DRAWN PG 7/22/02		
			DEC.	INCHES		CHK		
			.X	±.1		APPD		
			.XX	±.03		SCALE 1=2		
			.XXX	±.005		REF 031652		
			.XXXX	±.0005	FMF 101966.00			
NO.	REVISION	BY & DATE	CHK	ANG ±1/2°		PREV		
THIS DRAWING IN DESIGN AND DETAIL IS OUR PROPERTY AND MUST NOT BE USED EXCEPT IN CONNECTION WITH OUR WORK ALL RIGHTS OF DESIGN AND INVENTION ARE RESERVED THIS IS AN ELECTRONICALLY GENERATED DOCUMENT - DO NOT SCALE THIS PRINT			RFP	CAD FILE	031703	SIZE A	DRAWING NO. 031703	REV.
			DIST					

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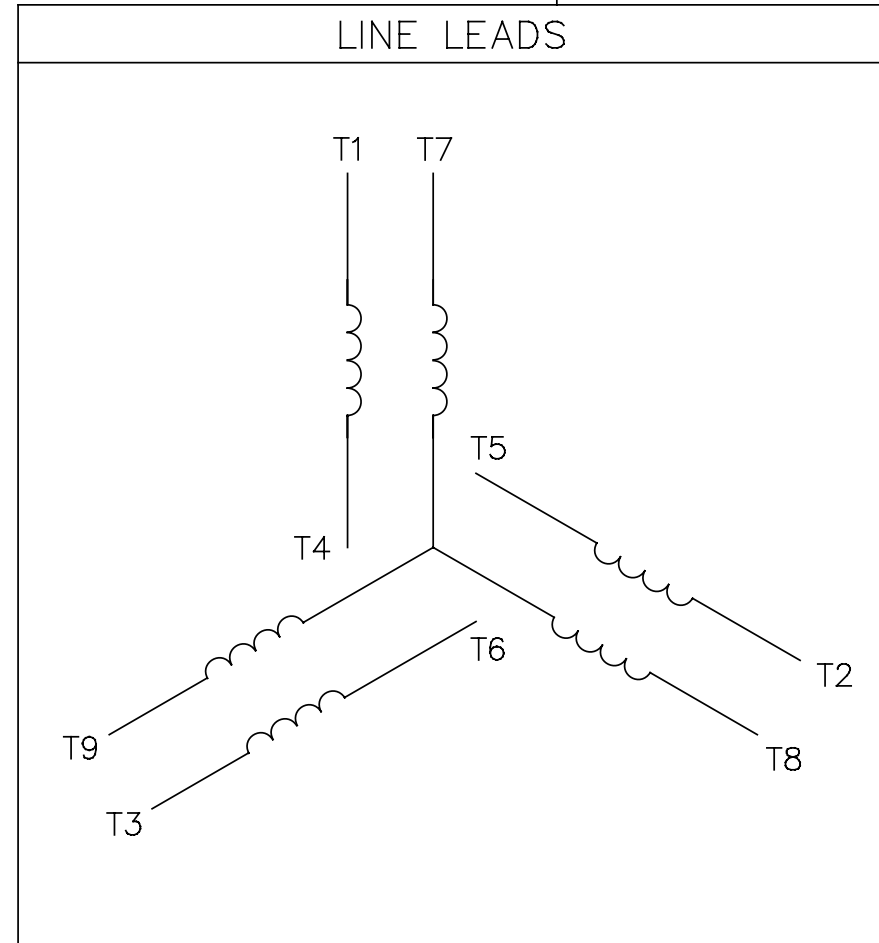
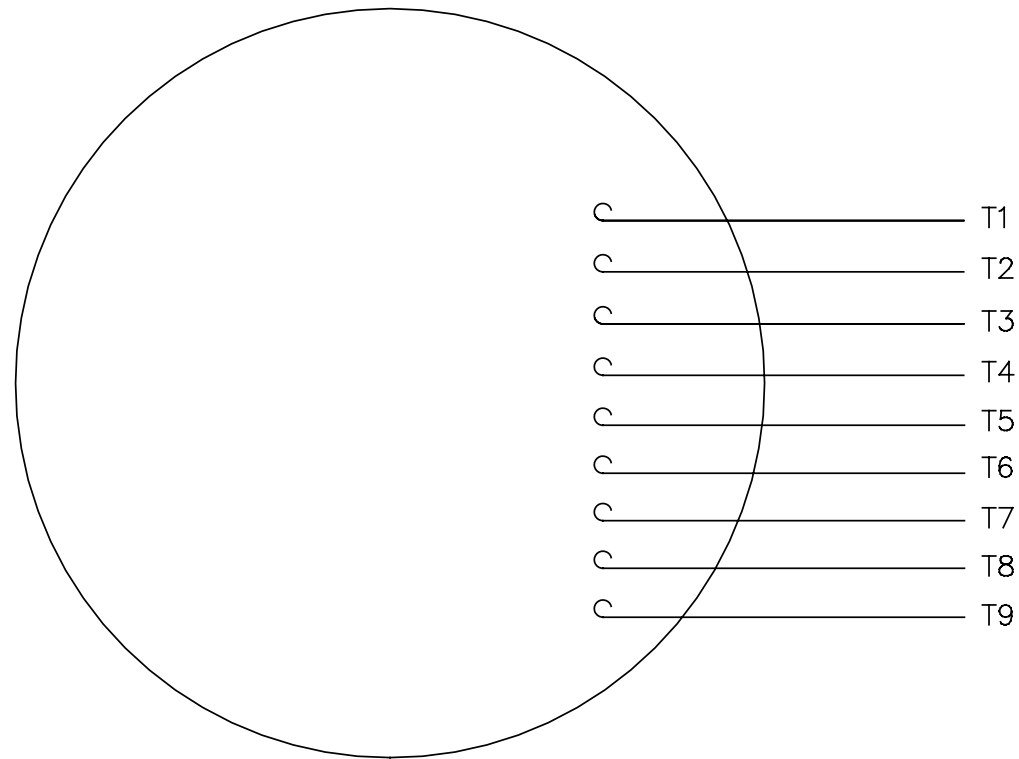
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STACK:
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Uncontrolled Copy

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	TITLE		CHK				
		.X	±.1	EXTERNAL WIRING DIAGRAM		APPD				
		.XX	±.01	3 PHASE W/O PROTECTOR		SCALE 1=1				
		.XXX	±.005	MAT'L. DECAL - 004014		REF FIG.2-51				
A	UPDATED TO REGAL LOGO	SAJ	06/26/15	AJY	.XXXX	±.0005	FMF			
NO.	REVISION	BY & DATE	CHK	ANG	±1/2°	FINISH	PREV			
THIS DRAWING IN DESIGN AND DETAIL IS OUR PROPERTY AND MUST NOT BE USED EXCEPT IN CONNECTION WITH OUR WORK ALL RIGHTS OF DESIGN AND INVENTION ARE RESERVED THIS IS AN ELECTRONICALLY GENERATED DOCUMENT - DO NOT SCALE THIS PRINT				RFP	04/12/02	CAD FILE	00501001	SIZE	DRAWING NO.	REV.
				DIST	BRF-NLV			A	005010-01	A