



Nameplate Specifications

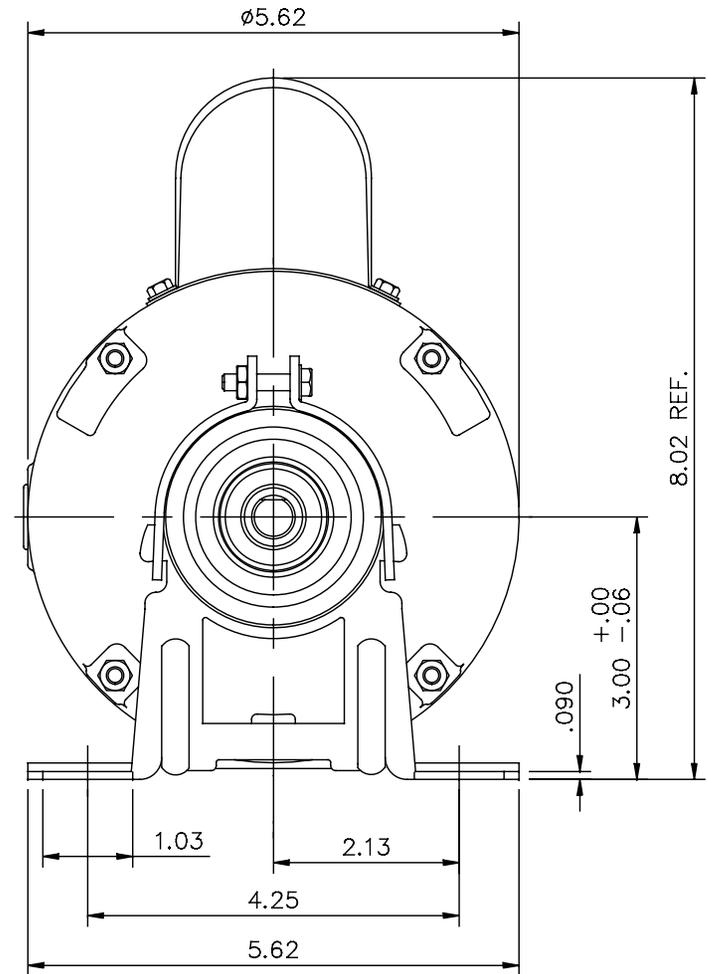
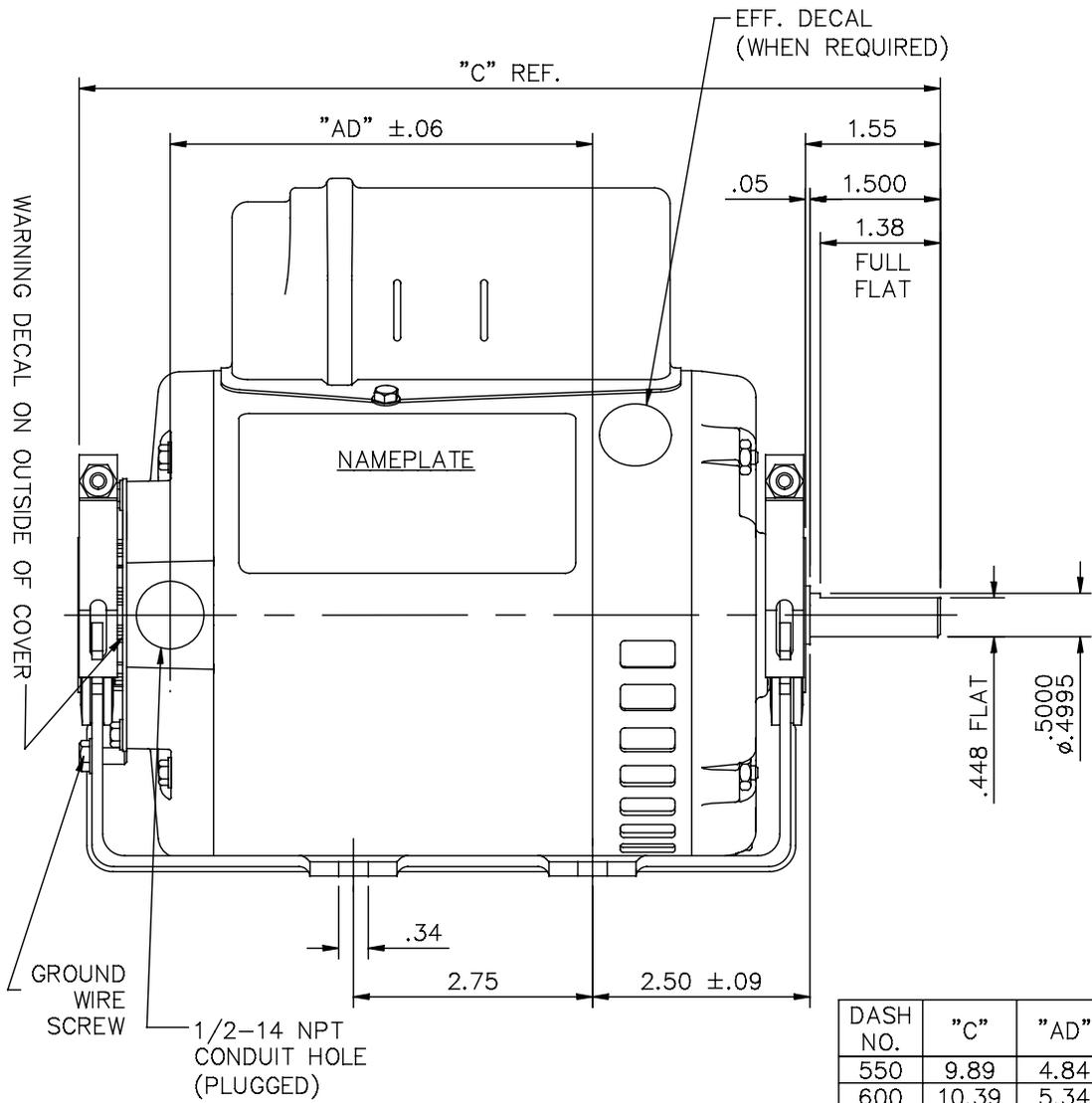
Output HP	0.25 Hp	Output KW	0.19 kW
Frequency	60 Hz	Voltage	115 V
Current	2.5 A	Speed	1725 rpm
Service Factor	1.35	Phase	1
Efficiency	71 %	Power Factor	96
Duty	Continuous	Insulation Class	F
Design Code	NO DESIGN CODE	KVA Code	M
Frame	48Z	Enclosure	Drip Proof
Thermal Protection	Automatic	Ambient Temperature	40 °C
Drive End Bearing Size	6203	Opp Drive End Bearing Size	6203
UL	Recognized	CSA	Y
CE	N	IP Code	22
Number of Speeds	1		

Technical Specifications

Electrical Type	Split Phase Start Capacitor Run	Starting Method	Across The Line
Poles	4	Rotation	Selective Counterclockwise
Mounting	Resilient Base	Motor Orientation	Horizontal
Drive End Bearing	Ball	Opp Drive End Bearing	Ball
Frame Material	Rolled Steel	Shaft Type	NEMA 48
Overall Length	10.39 in	Frame Length	6.00 in
Shaft Diameter	0.500 in	Shaft Extension	1.5 in
Assembly/Box Mounting	F1 ONLY		
Outline Drawing	031760-600	Connection Drawing	005326.02

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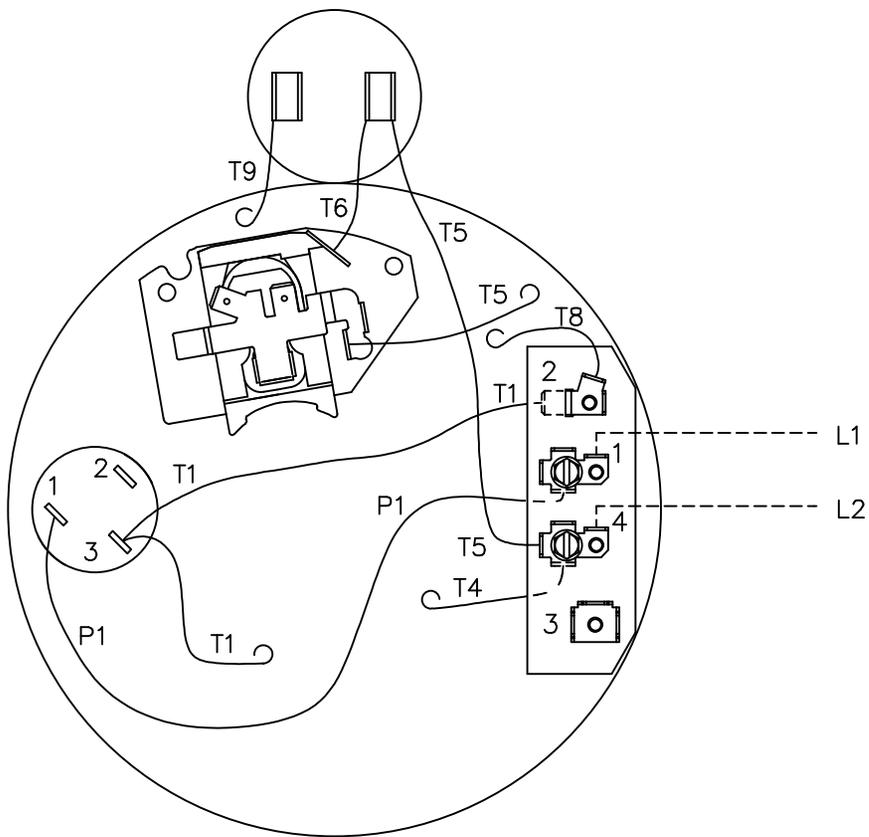
031760



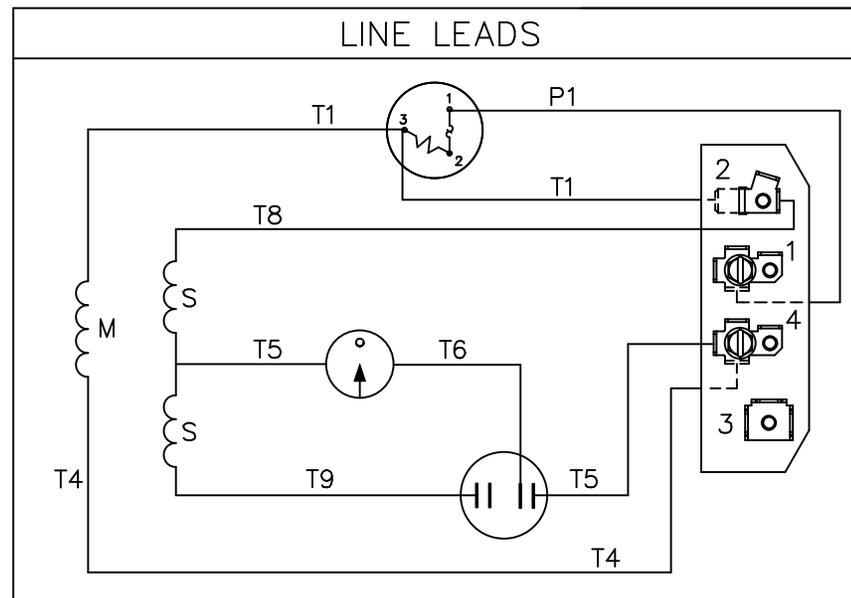
DASH NO.	"C"	"AD"
550	9.89	4.84
600	10.39	5.34
650	10.89	5.84

				TOLERANCES UNLESS SPECIFIED		REGAL-BELOIT <i>Motor Technologies Group</i>		DRAWN PG 2/20/04		
				DEC.	INCHES	TITLE OUTLINE - 48 FRAME RESILIENT MOUNT - DRIP PROOF		CHK		
				.X	±.1			APPD		
				.XX	±.03			SCALE 1=2		
				.XXX	±.005			REF 030761		
				.XXXX	±.0005	MAT'L 1 PHASE		FMF 101405.00		
				ANG	±1/2°	FINISH STANDARD		PREV		
01	UPDATED WITH OUTER COVER, GROUND SECREW AND EFF DECALS	SL	10/20/15	JD						
NO.	REVISION	BY & DATE	CHK	ANG	RFP	CAD FILE	031760	SIZE	DRAWING NO.	REV.
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						DIST		A	031760	

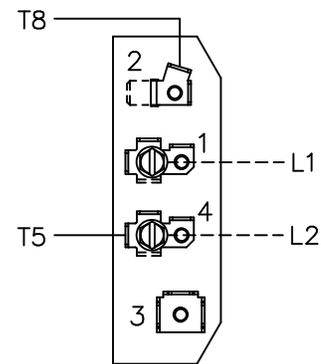
VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



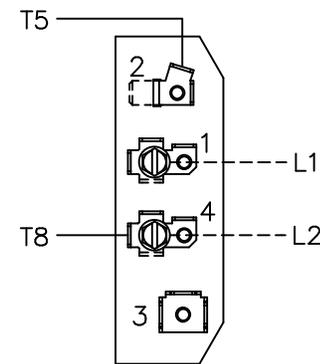
P1, T1, T4 TO GO TO
BACK SIDE OF TERMINAL BOARD



C.C.W.L.E. ROTATION



C.W.L.E. ROTATION



		TOLERANCES UNLESS SPECIFIED	
		DEC.	INCHES
		.X	±.1
		.XX	±.01
		.XXX	±.005
		.XXXX	±.0005
NO.	REVISION	BY & DATE	CHK

	ELECTRIC MOTORS GEARMOTORS AND DRIVES	DRAWN PG 2/23/04
		CHK
		APPD
	TITLE EXTERNAL WIRING DIAGRAM TYPE "K" W/PROTECTOR	SCALE 1=1
	MAT'L. SINGLE VOLTAGE - DUAL ROTATION	REF 005326-01
FINISH		FMF 101405.00
		PREV

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		DIST			A	005326-02	

ERROR: undefined
OFFENDING COMMAND: de

STACK:

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{/@FL --where-- --not-- {--pop-- --end-- --end-- }{--pop-- }--ifelse-- }  
/suspend  
-dictionary-  
/Pscript_WinNT_Compat  
-dictionary-
```



**1051 CHEYENNE AVE.
GRAFTON, WI 53024
PH. 262-377-8810**

CERTIFICATION DATA SHEET

CONN. DIAGRAM: 005326.02
OUTLINE: 031760-600
WINDING #: BE48469 1 A

CATALOG #: 101602.00
MOUNTING: F1 ONLY

TYPICAL MOTOR PERFORMANCE DATA

HP	kW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
1/4	0.19	1800	1725	48Z	DP	M	NO DESIGN CODE

PH	Hz	VOLTS	AMPS	START TYPE	DUTY	INSL	S.F.	AMB°C
1	60	115	2.5	ACROSS THE LINE	CONTINUOUS	F3	1.35	40

FULL LOAD EFF:	71	3/4 LOAD EFF:	65.6	1/2 LOAD EFF:	55.7	GTD. EFF	ELEC. TYPE
FULL LOAD PF:	96	3/4 LOAD PF:	96	1/2 LOAD PF:	94.3	66	SPLIT PHASE ST, CAP RUN

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
11.98 LB-FT	22.9	20.8 LB-FT 173 %	32.7 LB-FT 273 %	20

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS / HOUR	APPROX. MOTOR WGT
0 dBA	10 dBA	-1 LB-FT^2	0 LB-FT^2	10 SEC.	0	22 LBS.

***** SUPPLEMENTAL INFORMATION *****

DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
STANDARD	STANDARD	RESILIENT BASE	HORIZONTAL	FALSE	NONE	FALSE	NONE	GREEN - LEESON WATTSaver

BEARINGS		GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT MATERIAL	FRAME MATERIAL
DE	ODE						
BALL	BALL	MULTEMP SRL	SGL SPL EXT	SPECIAL	NONE	1144 STRESSPROOF (C-223)	ROLLED STEEL
6203	6203						

THERMO-PROTECTORS				THERMISTORS	CONTROL	SPACE HEATERS
THERMOSTATS	PROTECTORS	WDG RTDs	BRG RTDs			
NONE	AUTOMATIC	NONE	NONE	NONE	FALSE	NONE VOLTS

* N O T E S *	INVERTER TORQUE: NONE
	INV. HP SPEED RANGE: NONE
	ENCODER: NONE NONE NONE NONE NONE PPR
BRAKE: NONE NONE NONE P/N NONE NONE NONE NONE FT-LB NONE V NONE Hz	

