

# PRODUCT INFORMATION PACKET



Model No: 102873.00

Catalog No: 102873.00

General Purpose Motor, 0.33 HP, 1 Ph, 60 Hz, 115/230 V, 3600 RPM, 56C Frame, TENV

Operational at 115/208-230 V @60HZ



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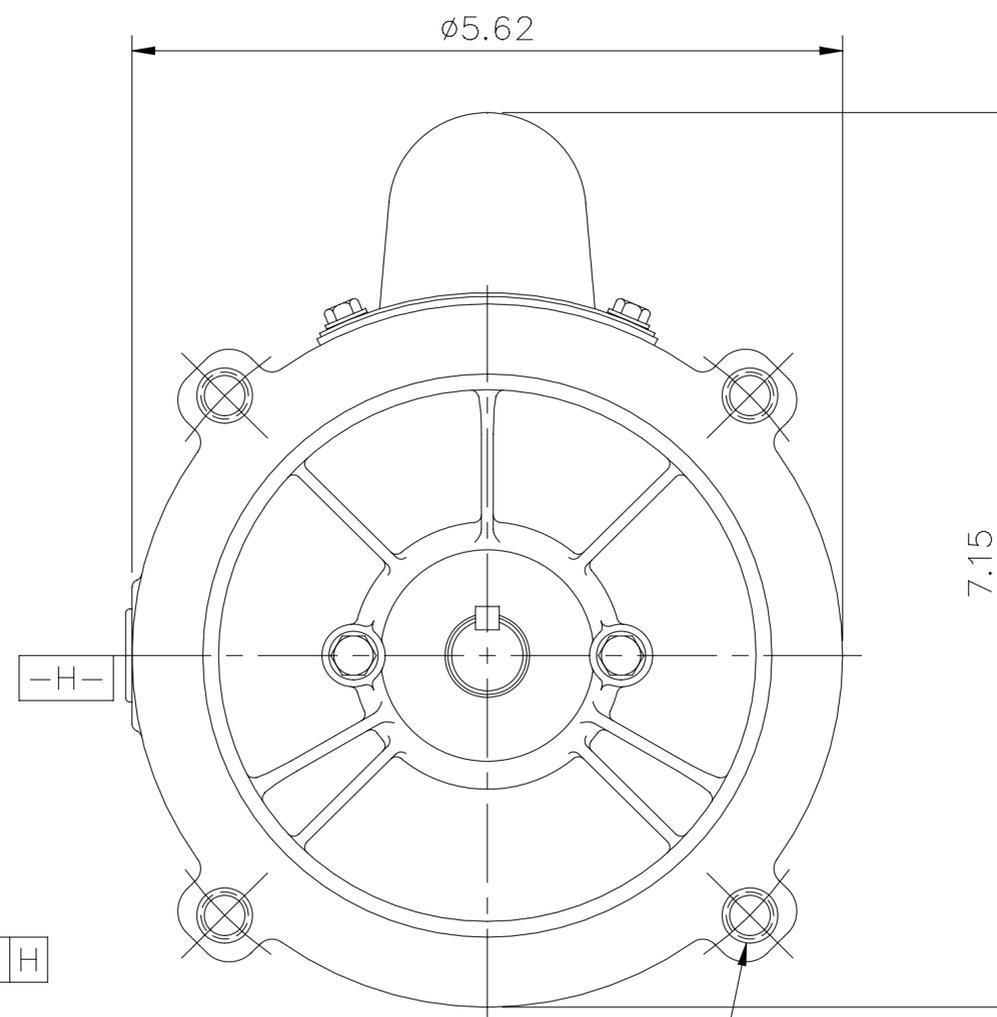
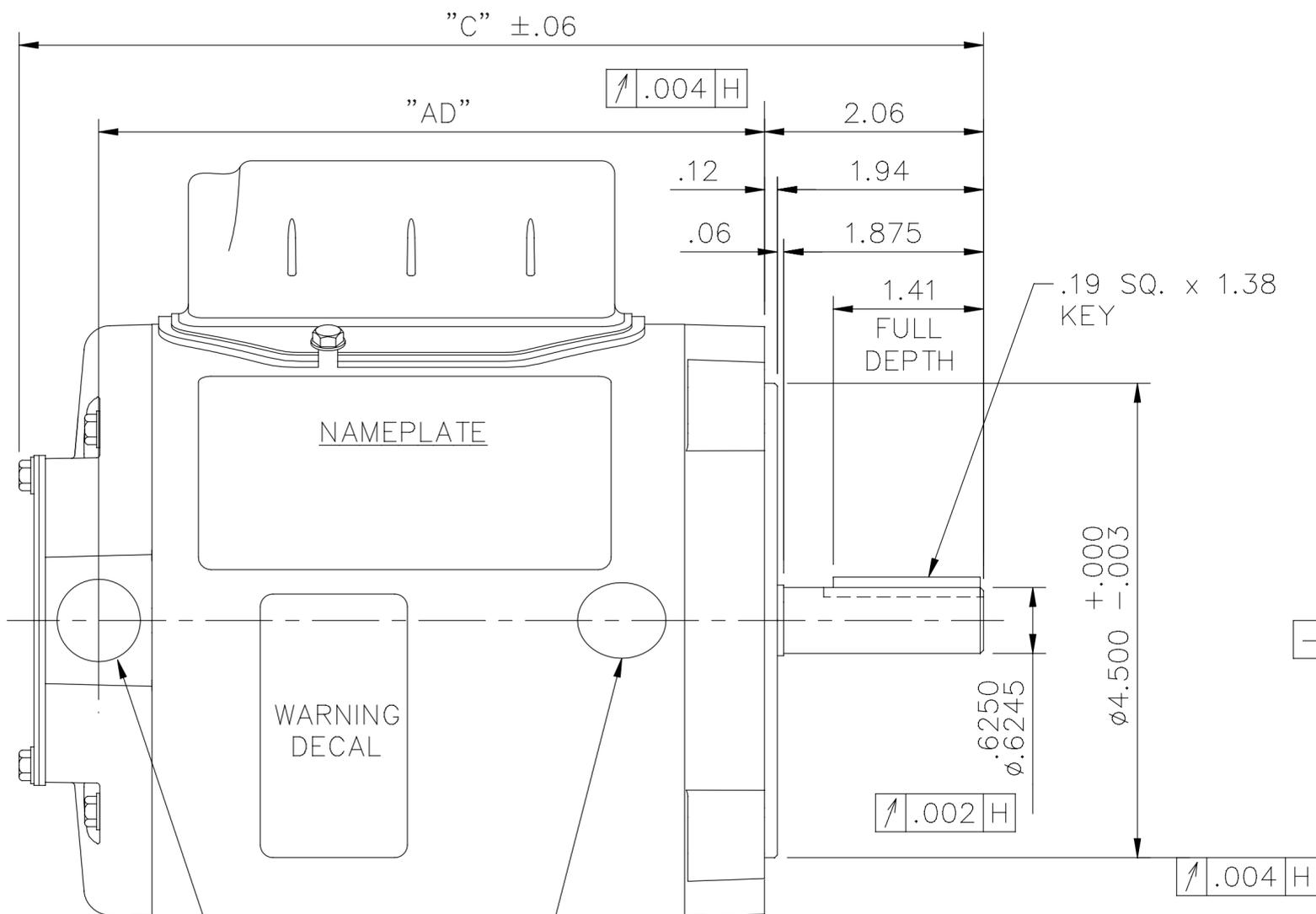
### Nameplate Specifications

Phase	1	Output HP	0.33 Hp
Output KW	0.25 kW	Voltage	115/230 V
Speed	3450 rpm	Service Factor	1.0
Frame	56C	Enclosure	Totally Enclosed Non Ventilated
Thermal Protection	No Protection	Efficiency	74 %
Ambient Temperature	40 °C	Frequency	60 Hz
Current	3.8/1.9 A	Power Factor	77
Duty	Continuous	Insulation Class	B
Design Code	N	KVA Code	K
Drive End Bearing Size	6203	Opp Drive End Bearing Size	6203
UL	Recognized	CSA	Y
CE	N	IP Code	43
Number of Speeds	1		

### Technical Specifications

Electrical Type	Capacitor Start Induction Run	Starting Method	Across The Line
Poles	2	Rotation	Selective Counterclockwise
Resistance Main	1.555 Ohms	Mounting	Round
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	NEMA 56	Overall Length	9.30 in
Frame Length	5.25 in	Shaft Diameter	0.625 in
Shaft Extension	1.88 in	Assembly/Box Mounting	F1 ONLY
Outline Drawing	031754-525	Connection Drawing	005005.44

031754



1/2-14 NPT  
CONDUIT HOLE  
(PLUGGED)

EFF. DECAL  
(WHEN REQUIRED)

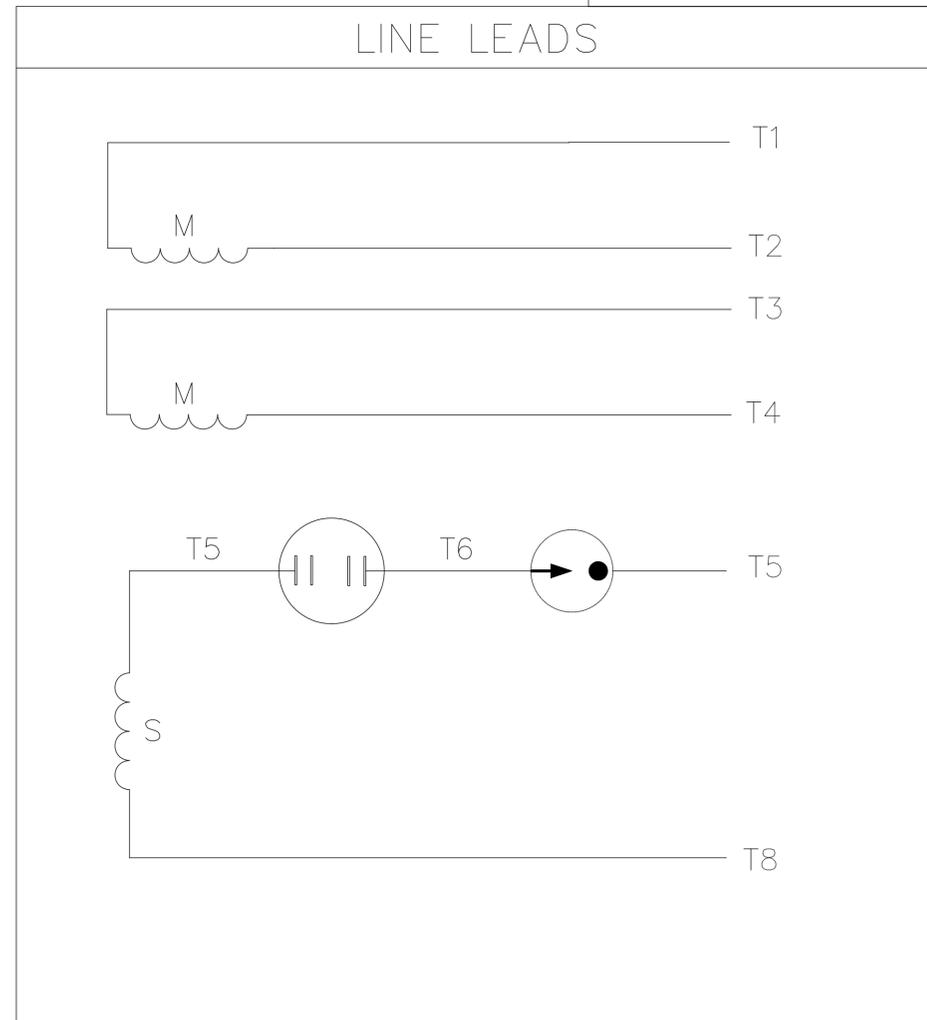
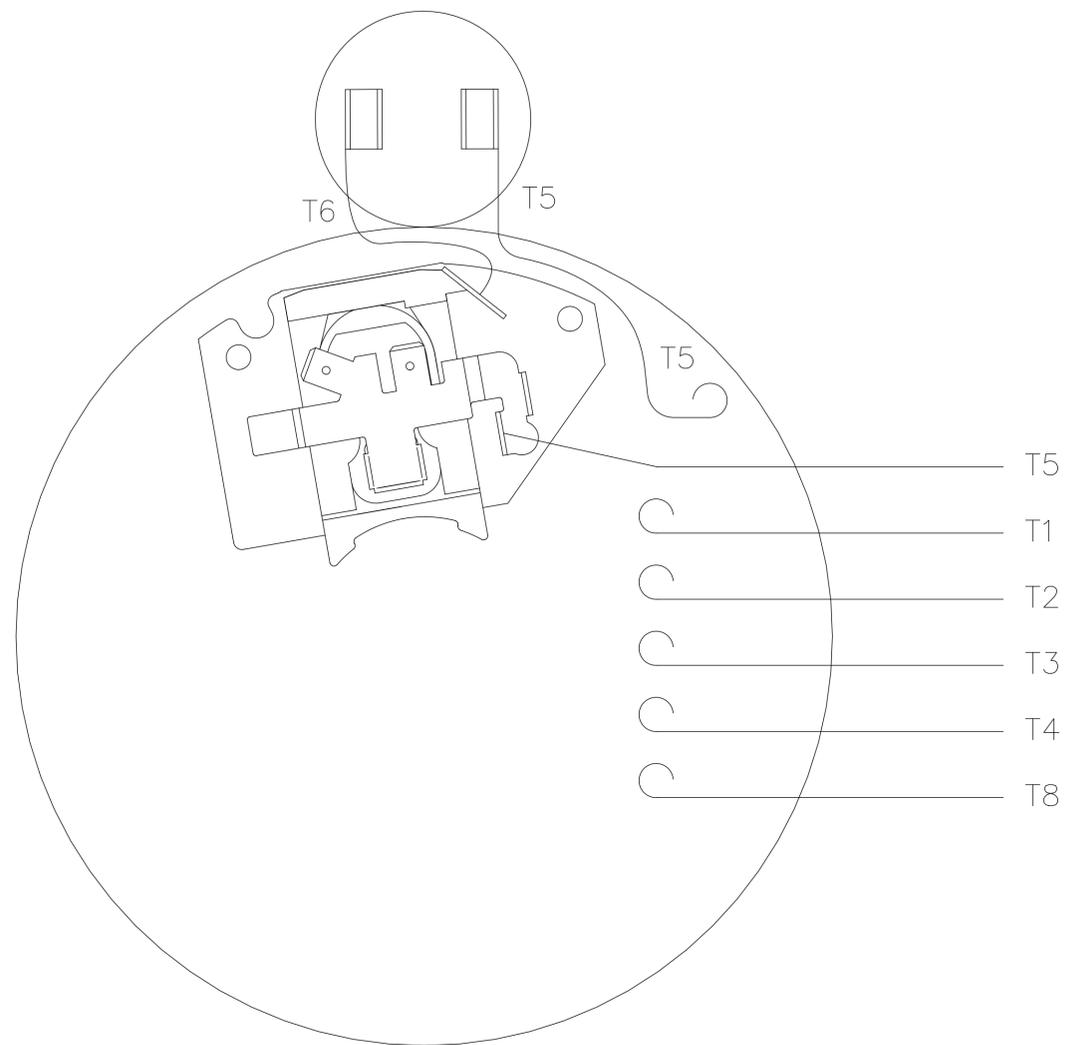
GASKETS THROUGHOUT

DASH NO.	"C"	"AD"
475	8.80	6.00
500	9.05	6.25
525	9.30	6.50
550	9.55	6.75
575	9.80	7.00
600	10.05	7.25
625	10.30	7.50
650	10.55	7.75
675	10.80	8.00
700	11.05	8.25

3/8-16 UNC 2B TAP x .56 DEEP  
(4) REQ'D. ON A ø5.875 B.C.

				TOLERANCES UNLESS SPECIFIED		LEESON	ELECTRIC MOTORS GEARMOTORS AND DRIVES	DRAWN PG 10/27/03		
				DEC.	INCHES			CHK	APPD	
				.X	±.1	TITLE OUTLINE - S56C FRAME "C" FACE MOUNT - ENCLOSED		SCALE	1=2	
				.XX	±.03			REF	031727	
				.XXX	±.005			FMF	110405.00	
A	UPDATED WITH CAP BOX, WARNING DECAL & EFF DECAL	SL	10/08/15	VS	.XXXX	±.0005	MAT'L.	1 PHASE	PREV	
NO.	REVISION	BY & DATE	CHK	ANG	±1/2°		FINISH	STANDARD		
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		031754	SIZE	DRAWING NO.	REV.
				DIST			A	031754		

005005-44



	ROTATION FACING LEAD END	L1	L2	JOIN
HIGH VOLT	C.C.W.	T1	T4,T5	T2,T3 T8
	C.W.	T1	T4,T8	T2,T3 T5
LOW VOLT	C.C.W.	T1 T3,T8	T2,T4 T5	
	C.W.	T1 T3,T5	T2,T4 T8	

				TOLERANCES UNLESS OTHERWISE SPECIFIED			 <b>Regal Beloit America, Inc.</b>						
				DEC.	INCHES	METRIC							
				.X	±.1	±.25	DRAWN	PG 5/7/01	TITLE		EXTERNAL WIRING DIAGRAM TYPE "C" W/O PROTECTOR		
				.XX	±.01	±.25	APPR.		MAT'L.		DUAL VOLTAGE - DUAL ROTATION		
01	MOVED T5 TO "INSIDE" SWITCH TERMINAL	PG 8/2/01		.XXX	±.005	±.127	R.F.P.						
NO.	REVISION	BY & DATE	CH'K'D.	.XXXX	±.0005	±.0127	SCALE	5=8					
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				FRACTIONS	±1/64		REF.	005005-01	FINISH	REV.	01	DRAWING NO.	005005-44
				ANGLES	±1/2°		FMF	100006					

