

# PRODUCT INFORMATION PACKET



Model No: C6C17NC99A

Catalog No: 117179.00

2HP.1.49KW.1740RPM.56.TENV.V.V.1PH.60HZ.30MIN.NOT.40C.1.15SF.C FACE..C6C17NC99A

Paint Free



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### Nameplate Specifications

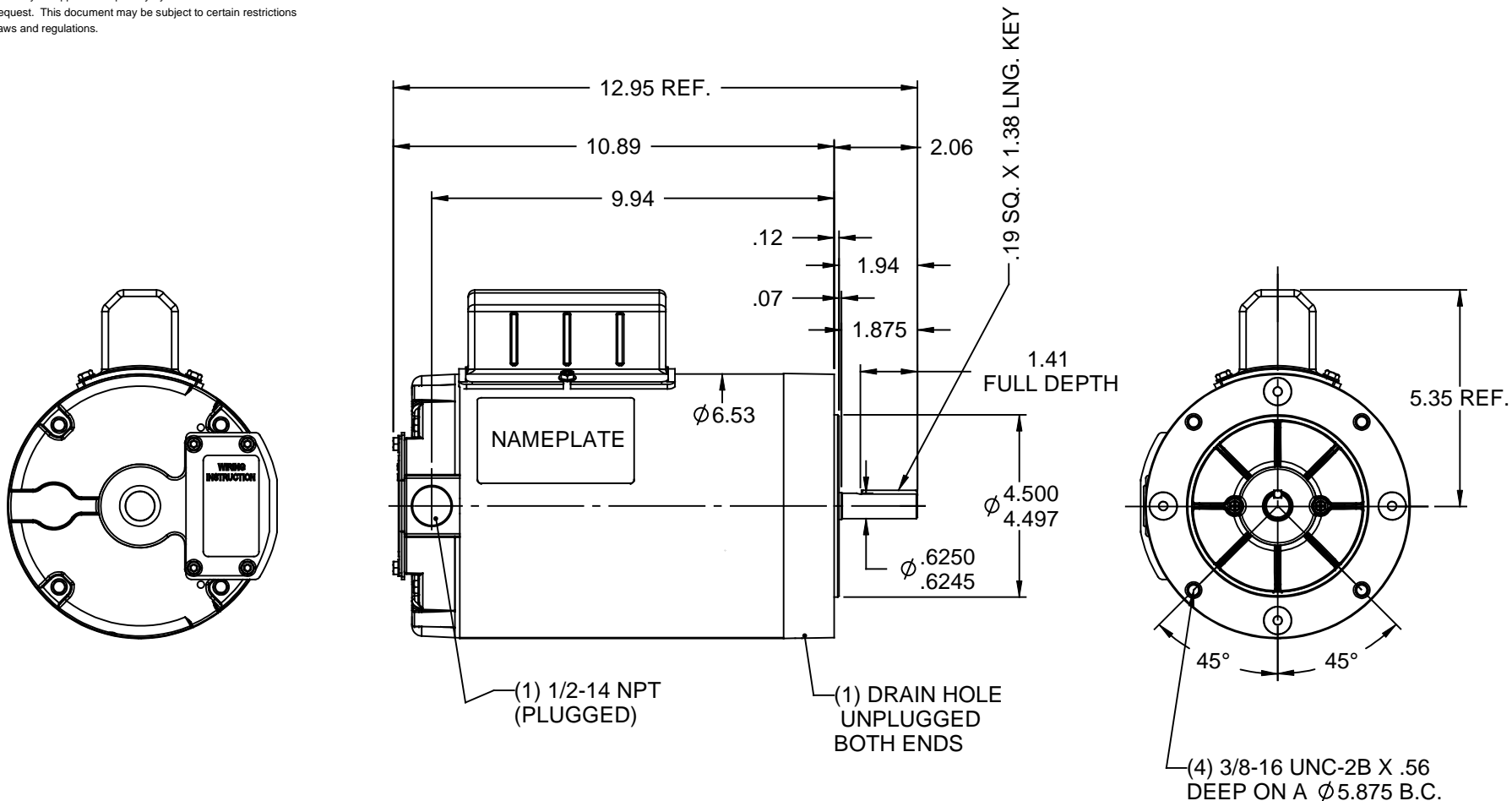
Output HP	<b>2 Hp</b>	Output KW	<b>1.5 kW</b>
Frequency	<b>60 Hz</b>	Voltage	<b>115/208-230 V</b>
Current	<b>24.8/12.4 A</b>	Speed	<b>1740 rpm</b>
Service Factor	<b>1.15</b>	Phase	<b>1</b>
Efficiency	<b>73 %</b>	Duty	<b>30 Minute</b>
Insulation Class	<b>F</b>	Design Code	<b>NO DESIGN CODE</b>
KVA Code	<b>H</b>	Frame	<b>56C</b>
Enclosure	<b>Totally Enclosed Non Ventilated</b>	Overload Protector	<b>No</b>
Ambient Temperature	<b>40 °C</b>	Drive End Bearing Size	<b>6203</b>
Opp Drive End Bearing Size	<b>6203</b>	UL	<b>Recognized</b>
CSA	<b>Y</b>	CE	<b>N</b>
IP Code	<b>43</b>		

### Technical Specifications


Electrical Type	<b>Capacitor Start Induction Run</b>	Starting Method	<b>Across The Line</b>
Poles	<b>4</b>	Rotation	<b>Selective Counterclockwise</b>
Mounting	<b>Round</b>	Motor Orientation	<b>HORIZONTAL</b>
Drive End Bearing	<b>BALL</b>	Opp Drive End Bearing	<b>BALL</b>
Frame Material	<b>Stainless Steel</b>	Shaft Type	<b>NEMA 56</b>
Overall Length	<b>12.95 in</b>	Frame Length	<b>8.00 in</b>
Shaft Diameter	<b>0.625 in</b>	Shaft Extension	<b>1.88 in</b>
Assembly/Box Mounting	<b>F1 ONLY</b>		
Outline Drawing	<b>OL117179</b>	Connection Diagram	<b>00500501</b>

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MAXIMUM FACE RUNOUT .004 T.I.R.  
 MAXIMUM PILOT ECCENTRICITY .004 T.I.R.  
 PERMISSIBLE SHAFT RUNOUT .002 T.I.R.

				TOLERANCES UNLESS SPECIFIED		 <b>REGAL-BELOIT CORPORATION</b>		DRAWN LST 10/1/07	
				DEC	INCHES			CHK	
				.X	±.1			APPR	
				.XX	±.01			SCALE 1:2	
				.XXX	±.005			REF	
				.XXXX	±.0005	MAT'L		FMF	
NO	REVISION	BY & DATE	CHK	ANG	±1/2°	FINISH		PAGE OF	
				RFP	PREV	SIZE		DRAWING NO	
				NETWORK FILE NAME		A		OL117179	
								REV	



VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



LINE LEADS



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	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	-----

--	REDRAWN IN SOLIDWORKS	VJB 02/16/11	TOLERANCES UNLESS SPECIFIED		<b>LEESON</b>	ELECTRIC MOTORS GEARMOTORS AND DRIVES	DRAWN ADH 08/06/73
27	UPDATED TO CURRENT STANDARDS	DBT 05/27/97	DEC	INCHES			CHK
26	ADDED PAGE 32 (114787) & PAGE 33 (114788)	KAZ 12/20/95	PG	.X ±.1	TITLE EXTERNAL WIRING DIAGRAM TYPE "C" W/O PROTECTOR		APPR JCW 03/09/79
25	ADDED PAGE 31	KAZ 04/19/95	DL	.XX ±.01			SCALE 1:1
24	ADDED PAGES 29 & 30	KMM 03/30/95	DL	.XXX ±.005	MAT'L DECAL - 004012		REF FIG 2-23 C4A
23	ADDED PAGE 28	KMM 01/27/95		.XXXX ±.0005			FMF MGI-2.4B
NO	REVISION	BY & DATE	CHK	ANG ±1/2°	FINISH	PAGE	OF
THIRD ANGLE PROJECTION			RFP	PREV	SIZE	DRAWING NO	
			NETWORK FILE NAME 00500501		<b>A</b>	<b>005005-01</b>	
							REV
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