

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

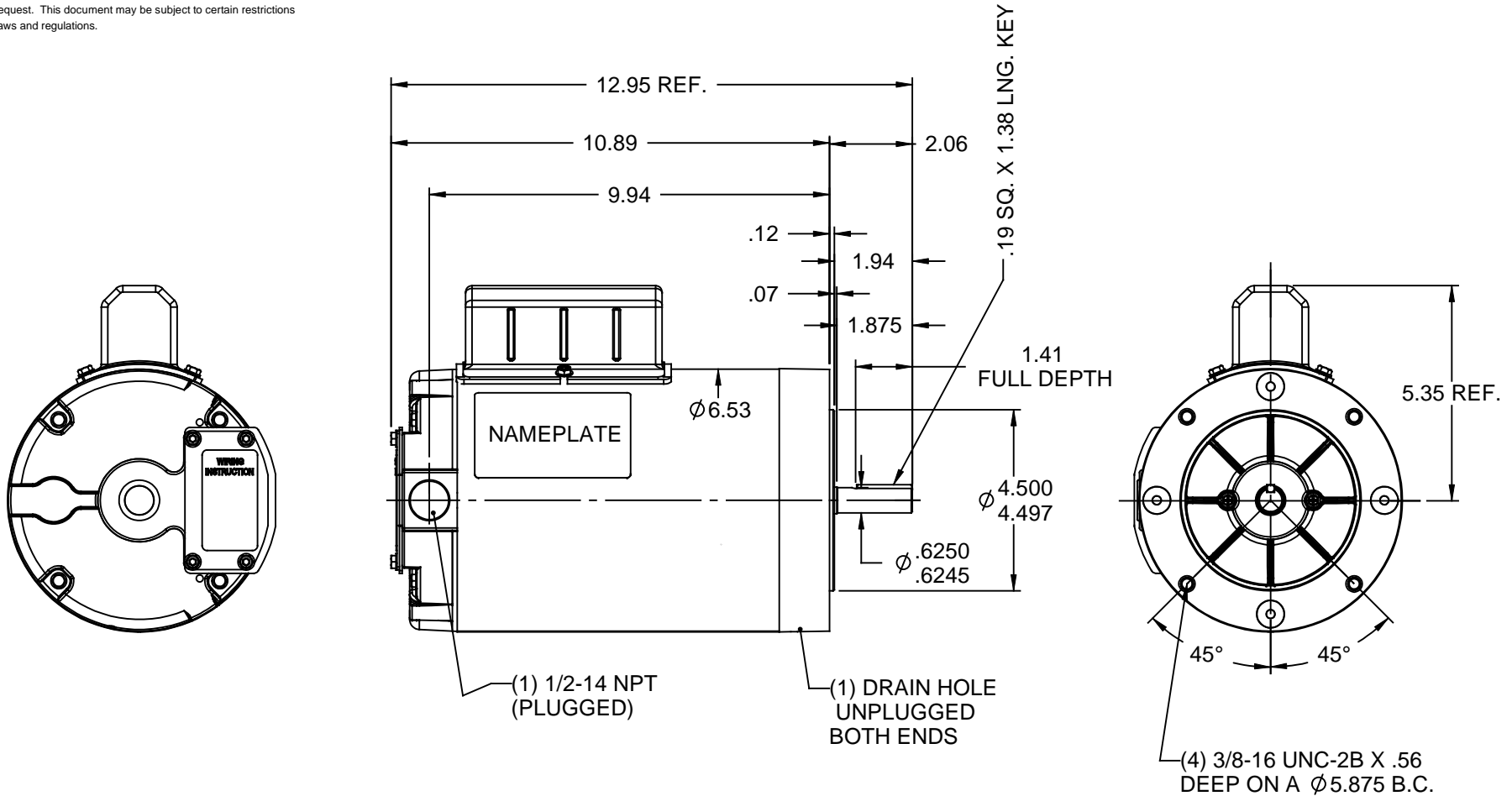
Technical Specifications

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

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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		REGAL-BELOIT CORPORATION		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		REV
				NETWORK FILE NAME		A	OL117179		



VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.




LINE LEADS



	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	-----

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--	REDRAWN IN SOLIDWORKS	VJB 02/16/11		TOLERANCES UNLESS SPECIFIED		 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		APPR JCW 03/09/79	
25	ADDED PAGE 31	KAZ 04/19/95	DL	.XX	±.01	TITLE EXTERNAL WIRING DIAGRAM	SCALE 1:1	
24	ADDED PAGES 29 & 30	KMM 03/30/95	DL	.XXX	±.005	TYPE "C" W/O PROTECTOR	REF FIG 2-23 C4A	
23	ADDED PAGE 28	KMM 01/27/95		.XXXX	±.0005	MAT'L DECAL - 004012	FMF MGI-2.4B	
NO	REVISION	BY & DATE	CHK	ANG	±1/2°	FINISH	PAGE OF	
THIRD ANGLE PROJECTION			RFP	PREV		SIZE	DRAWING NO	REV
			NETWORK FILE NAME		00500501	A	005005-01	--



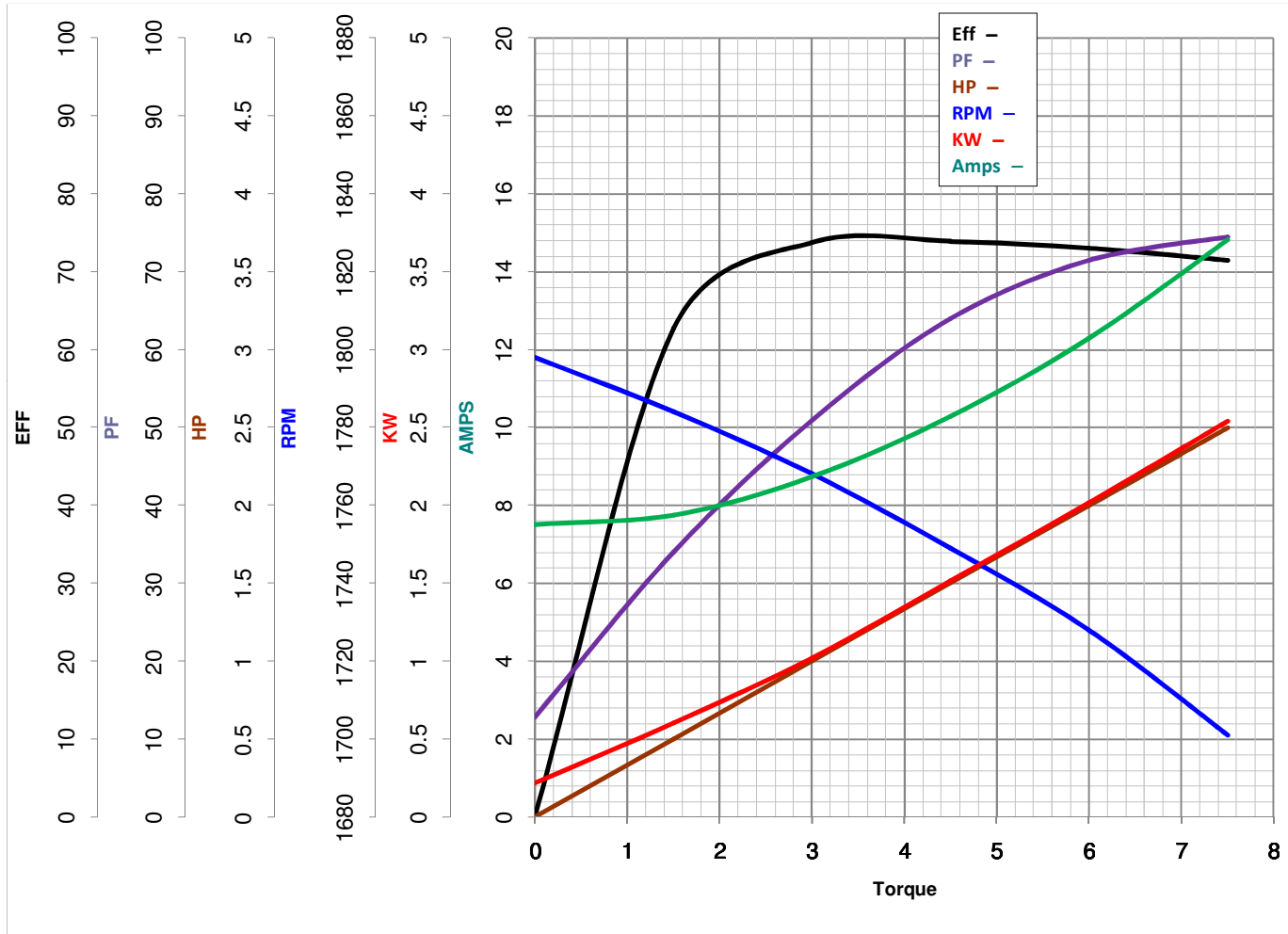
LEESON ELECTRIC CORPORATION
TYPICAL PERFORMANCE CURVE for AC MOTOR

Model No 117179.00

Catalog No 117179.00

Curve at 230 Volts HP 2.00 PHASE 1
60 HZ
2 HP VOLTS 115/208-230

HZ 60 RPM 1740



Torque in Lb.Ft

FL TORQUE 6 Lb.Ft
BD TORQUE 12.4 Lb.Ft
LR TORQUE 16.1 Lb.Ft

FL AMPS 24.8/12.4
PU TORQUE 11.7 Lb.Ft
LR AMPS 60

WINDING C634278-3

Date 4/23/2018