

# PRODUCT INFORMATION PACKET



Model No: C6C17NC109 A

Catalog No: 6439191262

1HP..1800RPM.56C.TENV.115/230V.1PH.60HZ.15MIN.NOT.40C.1.15SF.C-FACE.BOAT HOIST.

Boat Hoist Duty



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### Nameplate Specifications

Output HP	<b>1 Hp</b>	Output KW	<b>0.75 kW</b>
Frequency	<b>60 Hz</b>	Voltage	<b>115/230 V</b>
Current	<b>13.6/6.8 A</b>	Speed	<b>1725 rpm</b>
Service Factor	<b>1.15</b>	Phase	<b>1</b>
Efficiency	<b>69 %</b>	Duty	<b>15 Minute</b>
Insulation Class	<b>B</b>	Design Code	<b>N</b>
KVA Code	<b>K</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>Y</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>T</b>
Overall Length	<b>11.70 in</b>	Frame Length	<b>6.00 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>169991.00</b>	Connection Diagram	<b>005005.01</b>



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	-----

NO	REVISION	BY & DATE	CHK	ANG	TOLERANCES UNLESS SPECIFIED
--	REDRAWN IN SOLIDWORKS	VJB 02/16/11			
27	UPDATED TO CURRENT STANDARDS	DBT 05/27/97			DEC INCHES
26	ADDED PAGE 32 (114787) & PAGE 33 (114788)	KAZ 12/20/95	PG	.X	±.1
25	ADDED PAGE 31	KAZ 04/19/95	DL	.XX	±.01
24	ADDED PAGES 29 & 30	KMM 03/30/95	DL	.XXX	±.005
23	ADDED PAGE 28	KMM 01/27/95		.XXXX	±.0005



ELECTRIC MOTORS  
GEARMOTORS  
AND DRIVES

TITLE EXTERNAL WIRING DIAGRAM  
TYPE "C" W/O PROTECTOR

MAT'L DECAL - 004012

DRAWN	ADH 08/06/73
CHK	
APPR	JCW 03/09/79
SCALE	1:1
REF	FIG 2-23 C4A
FMF	MGI-2.4B
PAGE	OF

THIRD ANGLE  
PROJECTION

RFP  
PREV  
NETWORK FILE NAME 00500501

SIZE  
**A**  
DRAWING NO  
**005005-01**  
REV  
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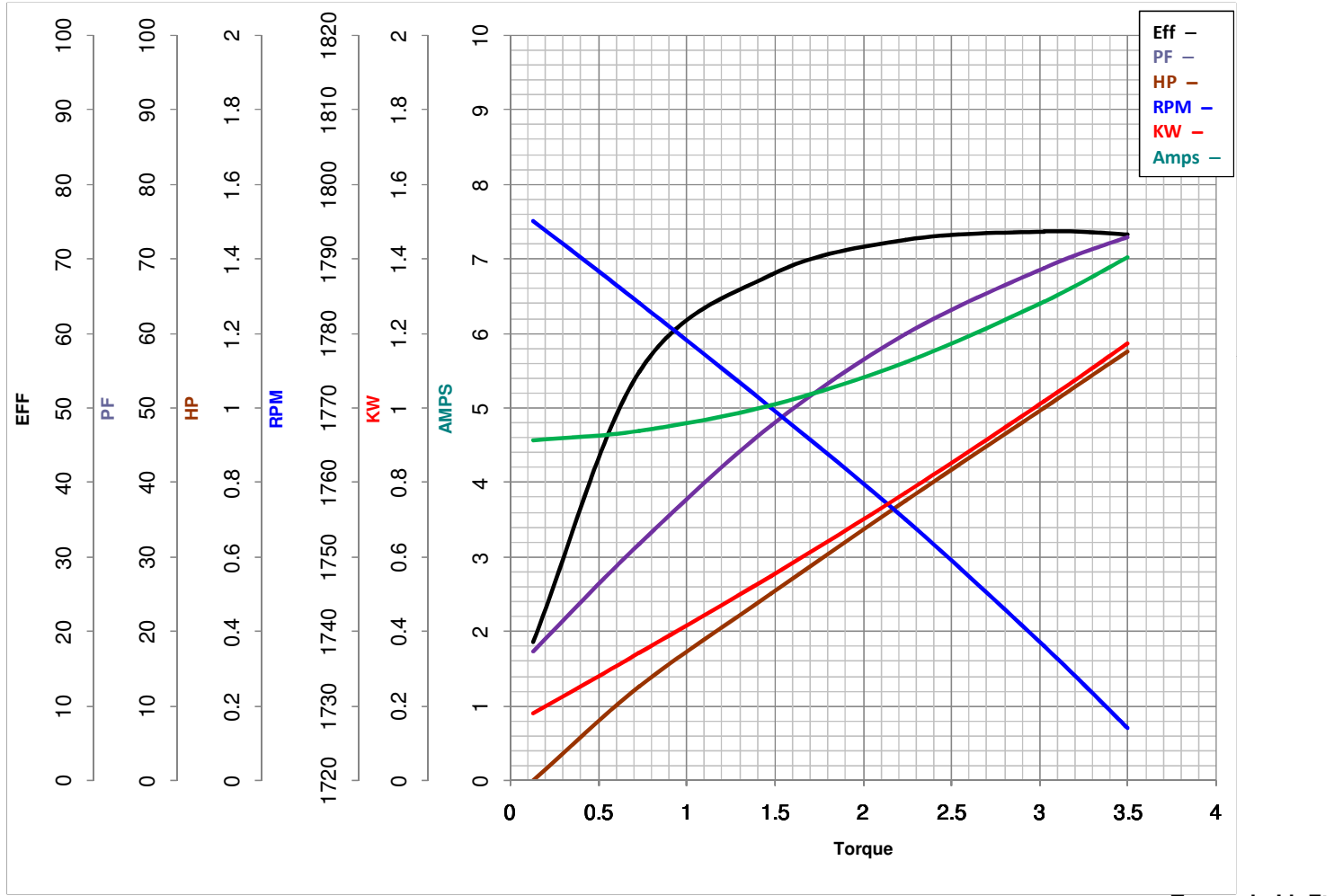
**LEESON ELECTRIC CORPORATION**  
 TYPICAL PERFORMANCE CURVE for AC MOTOR

Model No 6439191262

Curve at 230 Volts HP 1.00 PHASE 1  
60 HZ  
1 HP VOLTS 115/230

Catalog No 6439191262

HZ 60 RPM 1725



FL TORQUE	<u>3.025</u> Lb.Ft	FL AMPS	<u>13.6/6.8</u>
BD TORQUE	<u>7.4</u> Lb.Ft	PU TORQUE	<u>6.6</u> Lb.Ft
LR TORQUE	<u>9.519</u> Lb.Ft	LR AMPS	<u>36.47</u>
WINDING	QC63419-3	Date	6/19/2018