

PRODUCT INFORMATION PACKET



Model No: C6C34WC5G

Catalog No: 114316.00

1HP.-C-FACE LESS BASE- 3450RPM.56.TEFC.115/208-
230V.1PH.60HZ.CONT.NOT.40C.1.15SF.ROUND.WASHGUARD.C6C34WC5G

General Purpose



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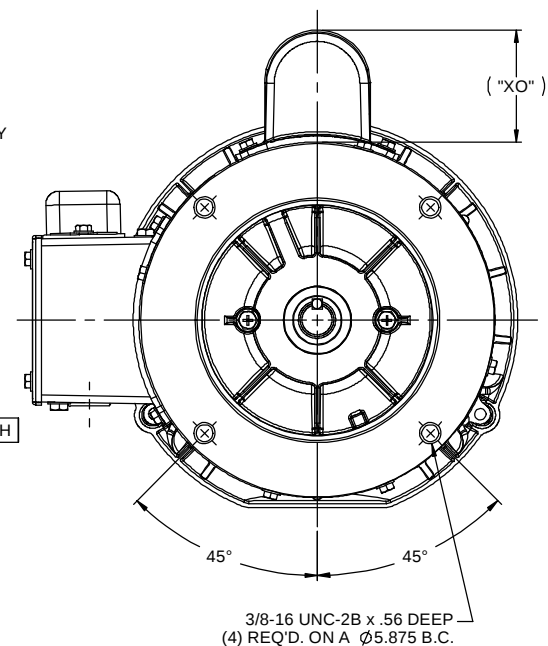


Nameplate Specifications

Output HP	1 Hp	Output KW	0.75 kW
Frequency	60 Hz	Voltage	115/208-230 V
Current	12.0/6.2-6.0 A	Speed	3450 rpm
Service Factor	1.15	Phase	1
Efficiency	70 %	Duty	Continuous
Insulation Class	F	Design Code	N
KVA Code	J	Frame	56C
Enclosure	Totally Enclosed Fan Cooled	Overload Protector	No
Ambient Temperature	40 °C	Drive End Bearing Size	6205
Opp Drive End Bearing Size	6203	UL	Recognized
CSA	Y	CE	N
IP Code	55		

Technical Specifications

Electrical Type	Capacitor Start Induction Run	Starting Method	Across The Line
Poles	2	Rotation	Selective Counterclockwise
Mounting	Round	Motor Orientation	HORIZONTAL
Drive End Bearing	BALL	Opp Drive End Bearing	BALL
Frame Material	Rolled Steel	Shaft Type	NEMA 56
Overall Length	11.62 in	Frame Length	5.75 in
Shaft Diameter	0.625 in	Shaft Extension	1.88 in
Assembly/Box Mounting	F1 ONLY		
Outline Drawing	607-0010-575A	Connection Diagram	005278.07

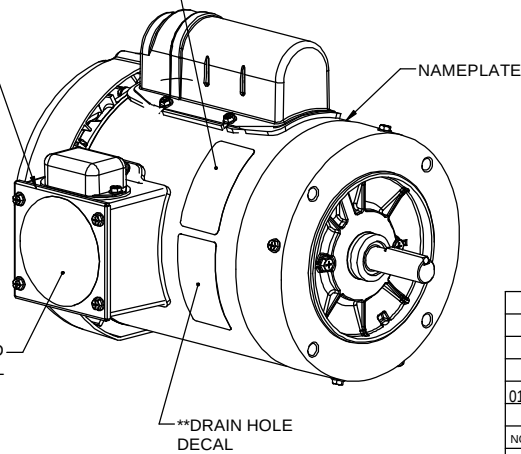


	DASH NO	"C"	"AD"	"XO"		DASH NO	"C"	"AD"	"XO"
**	450A	10.37	4.56	2.00	**	450B	10.37	4.56	2.25
**	475A	10.62	4.81	2.00	**	475B	10.62	4.81	2.25
	500A	10.87	5.06	2.00		500B	10.87	5.06	2.25
	525A	11.12	5.31	2.00		525B	11.12	5.31	2.25
	550A	11.37	5.56	2.00		550B	11.37	5.56	2.25
	575A	11.62	5.81	2.00		575B	11.62	5.81	2.25
	600A	11.87	6.06	2.00		600B	11.87	6.06	2.25
	625A	12.12	6.31	2.00		625B	12.12	6.31	2.25
	650A	12.37	6.56	2.00		650B	12.37	6.56	2.25
	700A	12.87	7.06	2.00		700B	12.87	7.06	2.25
	750A	13.37	7.56	2.00		750B	13.37	7.56	2.25
	800A	13.87	8.06	2.00		800B	13.87	8.06	2.25

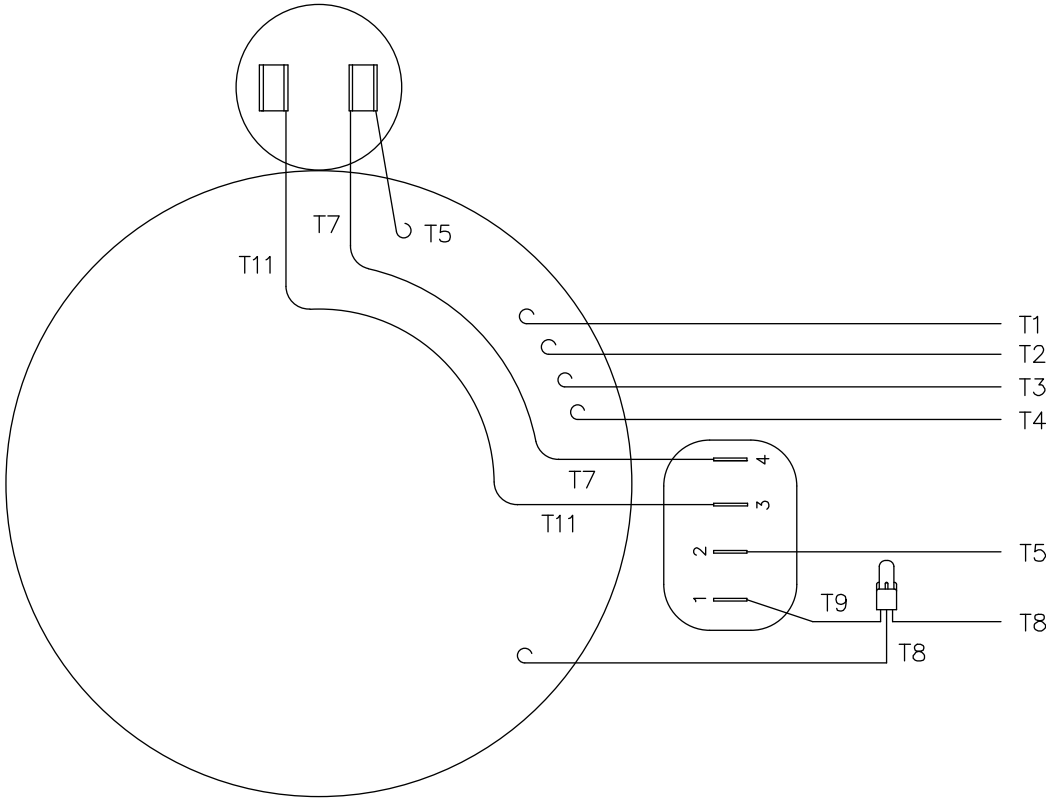
WASHGUARD MOTOR

SPECIAL FEATURES:

1. SHAFT SEAL & V-RING.
2. PLUGGED DRAIN HOLES IN ENDBELLS & CONDUIT BOX.
3. BUNA-N GASKETS THROUGHOUT.
4. STAINLESS STEEL SHAFT, HARDWARE & NAMEPLATE.
5. SOLID STATE SWITCH MOUNTED TO CONDUIT BOX.



		800A	13.87	8.00	2.00	800B	13.87	8.00	2.25	TOLERANCES UNLESS SPECIFIED			ELECTRIC MOTORS GEARMOTORS AND DRIVES		DRAWN PG 02/10/11	
										DEC	INCHES		CHK			
										X	±.1		APPR			
										XX	±.03		SCALE	7:16		
01	ADDED NOTE FOR LOCATION OF DECALS ON SHORTER FRAME MOTORS ISAAC 12-3707						GS	8/2/12			XXX	±.005	TITLE OUTLINE - 56C FRAME TEFC - "C" FACE		REF	028866
											XXXX	±.0005	MATL	WASHGUARD	FMF	114310.00
NO	REVISION						BY & DATE	CHK	ANG	±1/2°	FINISH				PAGE	OF
THIRD ANGLE PROJECTION 								RFP	PREV				SIZE	DRAWING NO	REV	
								NETWORK FILE NAME 607-0010				B	607-0010	01		



VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.

LINE LEADS				
	ROTATION FACING LEAD END	L1	L2	JOIN & INSULATE
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	

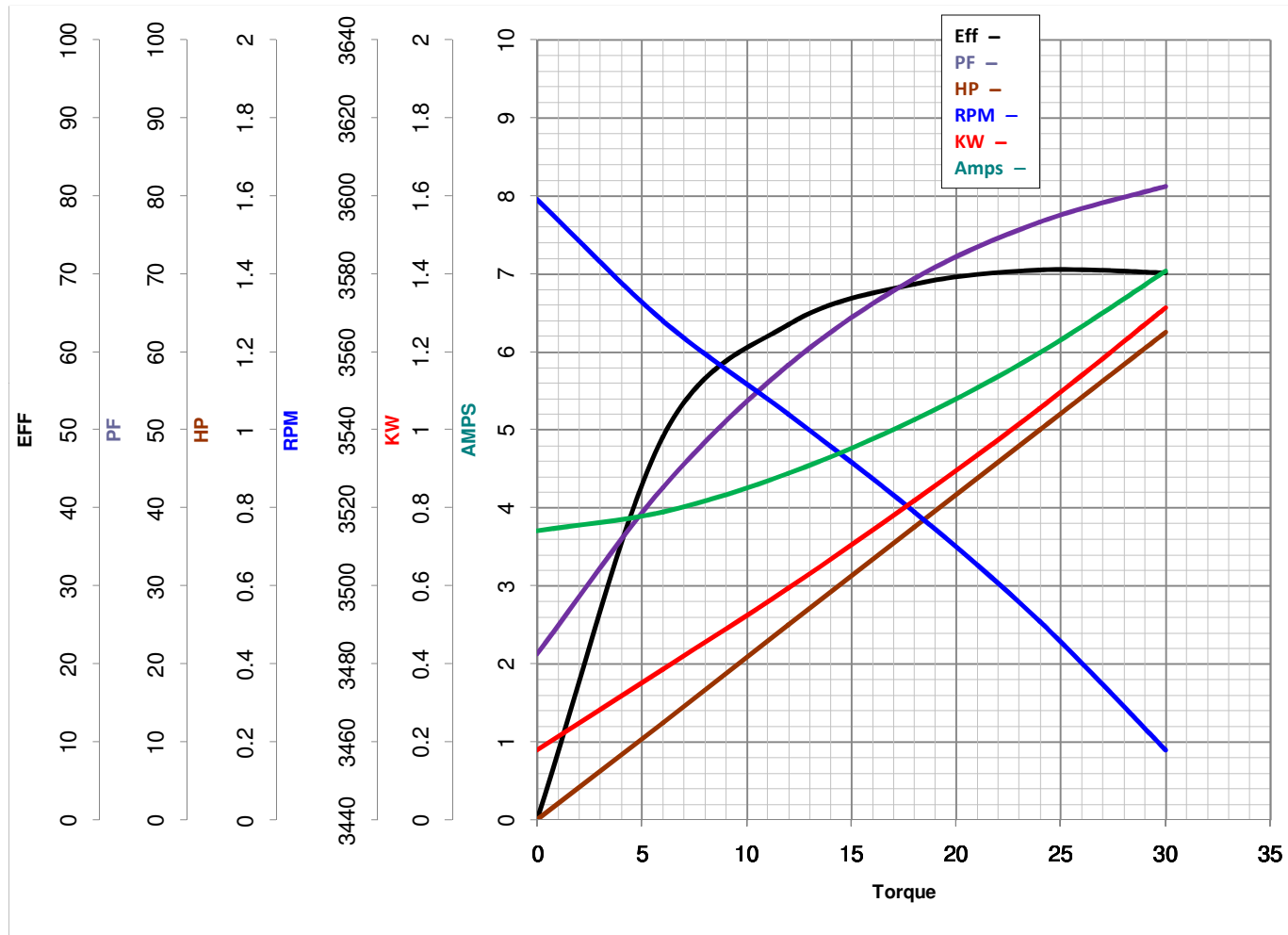
				TOLERANCES UNLESS OTHERWISE SPECIFIED		LEESON ELECTRIC CORPORATION				
				DECIMALS						
				.00	± .01	DRAWN RSK 07/21/98	TITLE EXTERNAL WIRING DIAGRAM TYPE "C" W/O PROTECTOR			
				.000	± .005	CH'K'D.				
01	ADDED DECAL FOR STOCK MOTORS ECR 0042509	GWS	9/10/13	.0000	± .0005	APPR.	MAT'L. DECAL - 004012 STOCK MOTORS TO USE DECAL 214-0122-001			
NO.	REVISION	BY	DATE	FRACTIONS	± 1/64	SCALE 1=1				
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				ANGLES	± 1/2°	REF. 005278-01	FINISH		SIZE	DRAWING NO.
				INCH/MM		FMF 131571	STANDARD		A	005278-07



LEESON ELECTRIC CORPORATION

TYPICAL PERFORMANCE CURVE for AC MOTOR

Model No 114316.00Curve at 230
60
1Volts
HZ
HPHP 1.00

VOLTS 115/208-230PHASE 1Catalog No 114316.00HZ 60RPM 3450

Torque in Oz.Ft

FL TORQUE 24 Oz.Ft
 BD TORQUE 64.0 Oz.Ft
 LR TORQUE 80 Oz.Ft

FL AMPS 12/6.2-6
 PU TORQUE 60.0 Oz.Ft
 LR AMPS 34

WINDING C632211-3

Date 3/23/2018