

PRODUCT INFORMATION PACKET



Model No: C6T34VK5H

Catalog No: 113591.00

1 1/2HP..3450RPM.56H.TENV.230/460V.3PH.60HZ.CONT.NOT.40C.1.15SF.RIGID
C.WASHGUARD.C6T34VK5H

General Purpose



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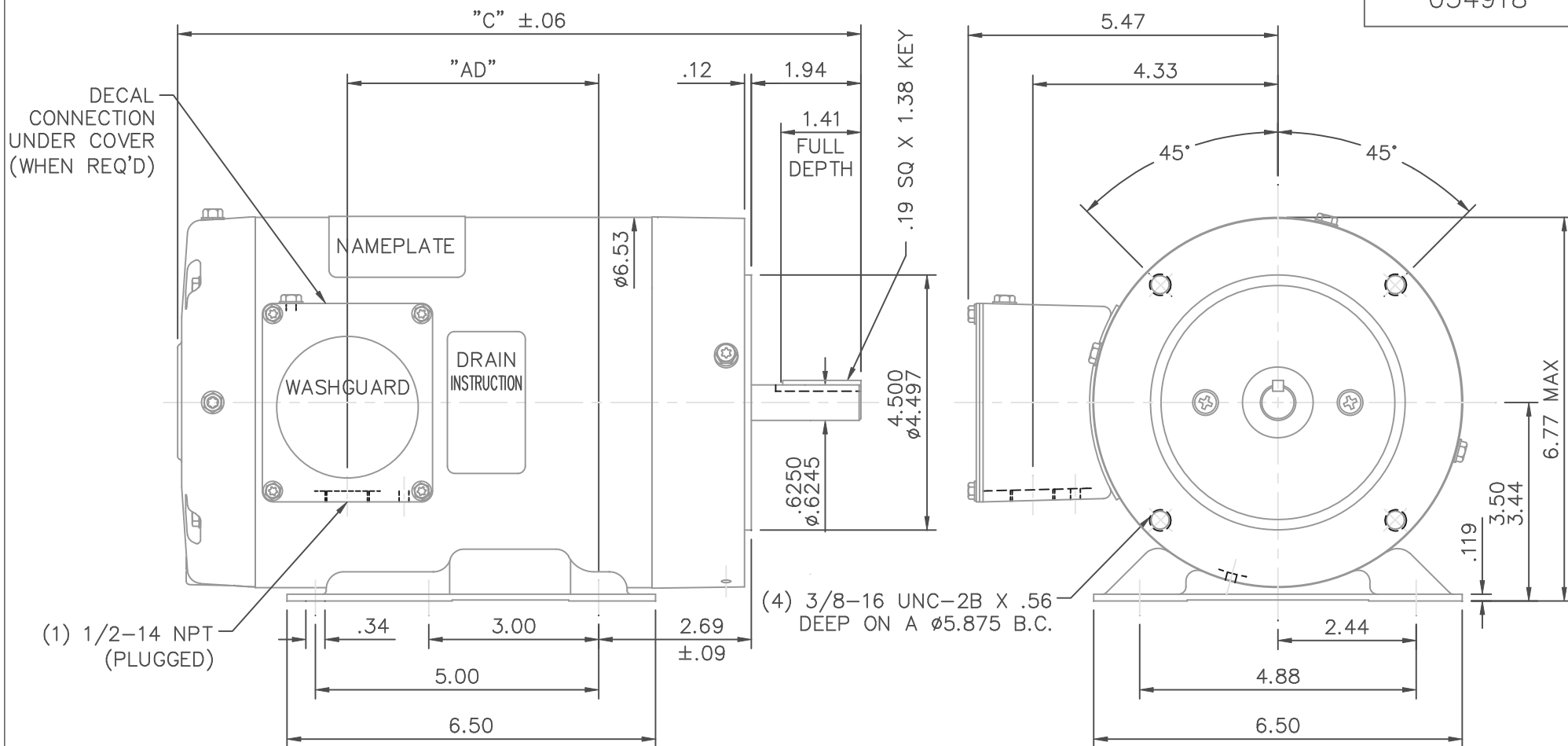
Nameplate Specifications

Output HP	1.50 Hp	Output KW	1.1 kW
Frequency	60 Hz	Voltage	230/460 V
Current	3.8/1.9 A	Speed	3450 rpm
Service Factor	1.15	Phase	3
Efficiency	84 %	Duty	Continuous
Insulation Class	F	Design Code	B
KVA Code	L	Frame	56HC
Enclosure	Totally Enclosed Non Ventilated	Overload Protector	No
Ambient Temperature	40 °C	Drive End Bearing Size	6205
Opp Drive End Bearing Size	6203	UL	Recognized
CSA	Y	CE	Y
IP Code	55		

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	2	Rotation	Reversible
Mounting	Rigid base	Motor Orientation	HORIZONTAL
Drive End Bearing	BALL	Opp Drive End Bearing	BALL
Frame Material	Rolled Steel	Shaft Type	NEMA 56
Overall Length	12.56 in	Frame Length	7.50 in
Shaft Diameter	0.625 in	Shaft Extension	1.88 in
Assembly/Box Mounting	F1 ONLY		
Outline Drawing	034918-750	Connection Diagram	005010.01

034918



SPECIAL FEATURES:

- 1) SHAFT SEALS & V-RING
- 2) DRAIN HOLES IN ENDBELLS & CONDUIT BOX
- 3) STAINLESS STEEL SHAFT, HARDWARE & NAMEPLATE
- 4) GASKETS THROUGHOUT

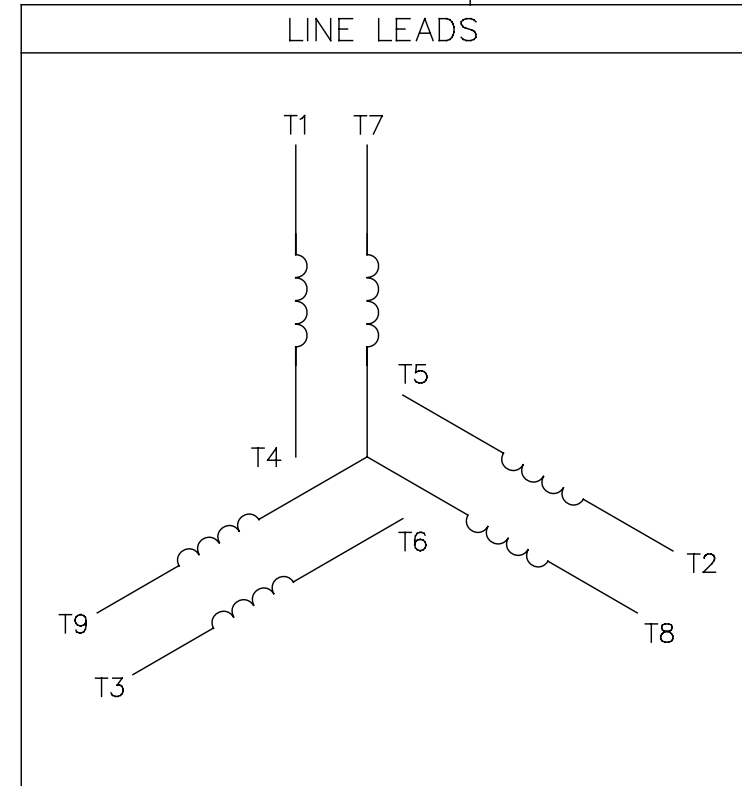
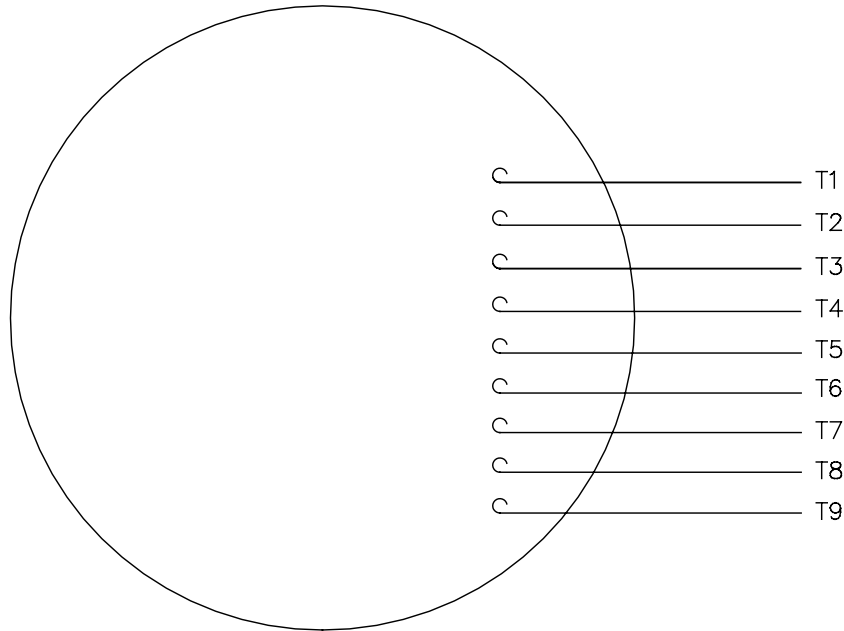
DASH NO.	"C"	"AD"
700	12.06	4.44
750	12.56	4.94
800	13.06	5.44

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

				TOLERANCES UNLESS SPECIFIED			ELECTRIC MOTORS GEARMOTORS AND DRIVES		DRAWN RDW 02/18/02	
				DEC.	INCHES				CHK	
04	SHAFT END E.B. WAS 021255-19 PER ECO 04-1702	LST 9/17/04		.X	±.1				APPD KMM 02/18/02	
03	MOVED NP PER ENGR	RDW 5/9/03	SW	.XX	±.03				SCALE 3=8	
02	L.E. ENDBELL WAS 021209.27	KMM 8/19/02		.XXX	±.005	TITLE OUTLINE – 56HC FRAME TENV – RIGID "C"		REF		
01	NAMEPLATE WAS ABOVE COND. BOX, PER ECR 71985	RLW 6/20/02	BJB	.XXXX	±.0005			MAT'L. WASHGUARD		FMF
NO.	REVISION	BY & DATE	CHK	ANG	±1/2"	FINISH		PREV		
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 02/18/02		CAD FILE 034918		SIZE A	DRAWING NO. 034918		REV. 04
			DIST							

005010-01

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



VOLTAGE	L1	L2	L3	JOIN & INSULATE
HIGH	T1	T2	T3	(T4,T7) (T5,T8) (T6,T9)
LOW	T1,T7	T2,T8	T3,T9	T4,T5,T6

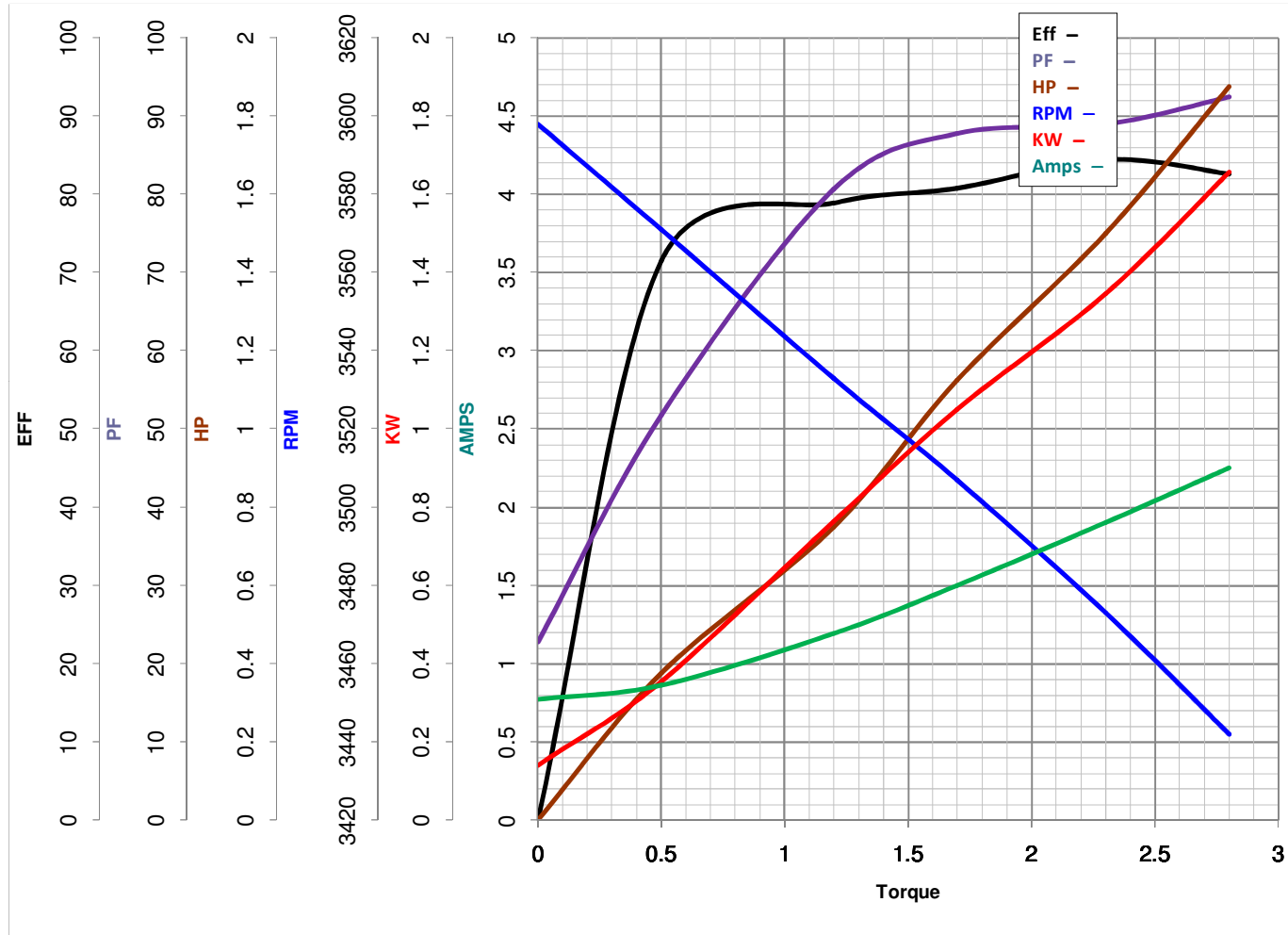
				TOLERANCES UNLESS SPECIFIED		 Regal Beloit America, Inc.	DRAWN RDW 04/12/02		
				DEC.	INCHES		CHK		
				.X	±.1		APPD		
				.XX	±.01		SCALE 1=1		
				.XXX	±.005	TITLE EXTERNAL WIRING DIAGRAM 3 PHASE W/O PROTECTOR	REF FIG.2-51		
A	UPDATED TO REGAL LOGO	SAJ 06/26/15	AJY	.XXXX	±.0005		MAT'L. DECAL - 004014	FMF	
NO.	REVISION	BY & DATE	CHK	ANG	±1/2"	FINISH	PREV		
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			DIST BRF-NLV				A	005010-01	A



LEESON ELECTRIC CORPORATION

TYPICAL PERFORMANCE CURVE for AC MOTOR

Model No 113591.00Curve at 460
60
1.5Volts
HZ
HPHP 1.50

VOLTS 230/460PHASE 3Catalog No 113591.00HZ 60RPM 3450

Torque in Oz.Ft

FL TORQUE 2.3 Oz.Ft
 BD TORQUE 9.5 Oz.Ft
 LR TORQUE 8.2 Oz.Ft

FL AMPS 3.8/1.9
 PU TORQUE 7.8 Oz.Ft
 LR AMPS 17

WINDING T632185-3

Date 5/21/2018