

# PRODUCT INFORMATION PACKET



Model No: C6T11VK2D

Catalog No: 115744.00

3/4HP..1140RPM.56H.TENV.208-230/460V.3PH.60HZ.CONT.NOT.40C.1.15SF.RIGID  
C.WASHGUARD.C6T11VK2D

General Purpose



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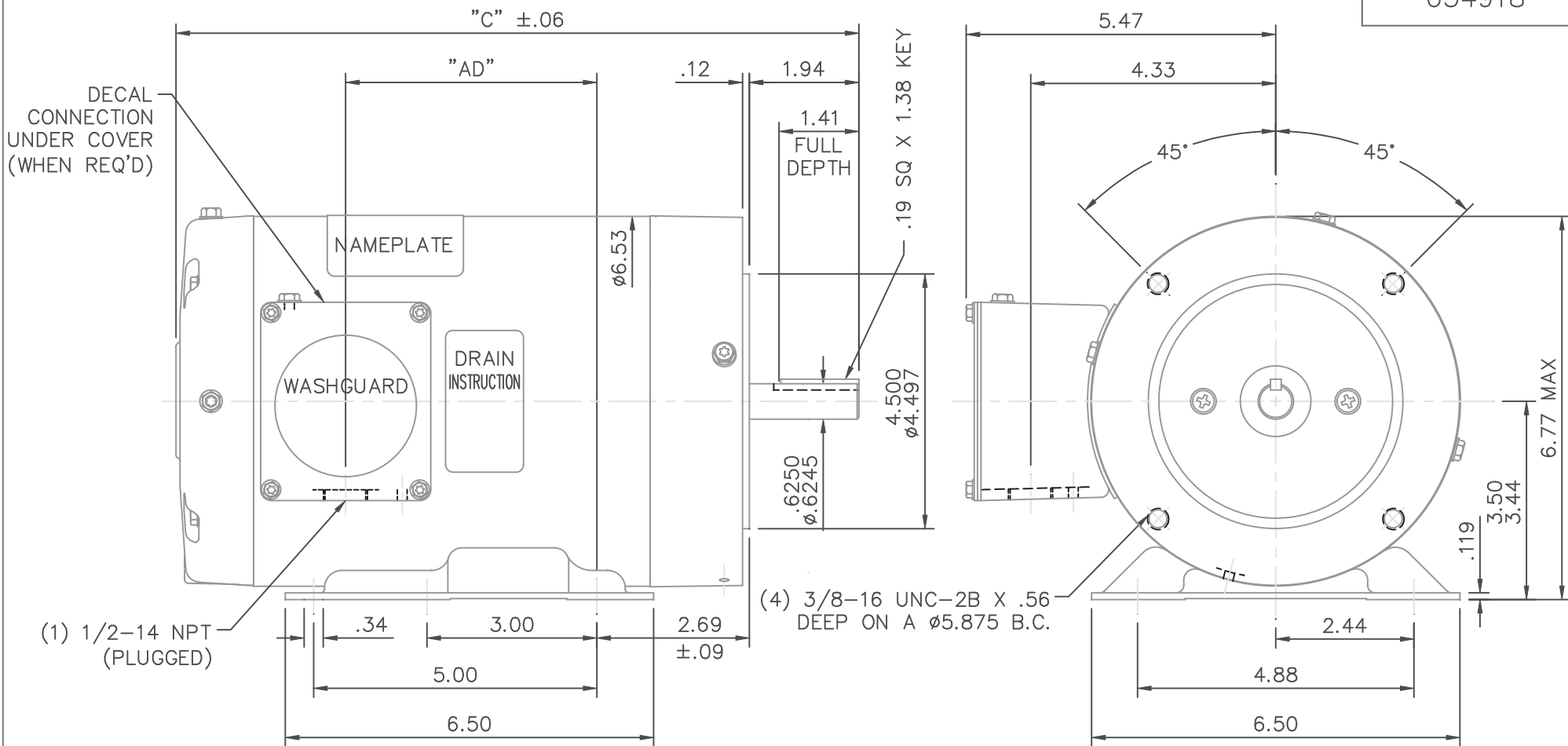
### Nameplate Specifications

Output HP	<b>0.75 Hp</b>	Output KW	<b>0.56 kW</b>
Frequency	<b>60 Hz</b>	Voltage	<b>208-230/460 V</b>
Current	<b>3.1-3.0/1.5 A</b>	Speed	<b>1140 rpm</b>
Service Factor	<b>1.15</b>	Phase	<b>3</b>
Efficiency	<b>78.5 %</b>	Duty	<b>Continuous</b>
Insulation Class	<b>F</b>	Design Code	<b>B</b>
KVA Code	<b>J</b>	Frame	<b>56HC</b>
Enclosure	<b>Totally Enclosed Non Ventilated</b>	Overload Protector	<b>No</b>
Ambient Temperature	<b>40 °C</b>	Drive End Bearing Size	<b>6205</b>
Opp Drive End Bearing Size	<b>6203</b>	UL	<b>Recognized</b>
CSA	<b>Y</b>	CE	<b>Y</b>
IP Code	<b>55</b>		

### Technical Specifications

Electrical Type	<b>Squirrel Cage Induction Run</b>	Starting Method	<b>Across The Line</b>
Poles	<b>6</b>	Rotation	<b>Reversible</b>
Mounting	<b>Rigid base</b>	Motor Orientation	<b>HORIZONTAL</b>
Drive End Bearing	<b>BALL</b>	Opp Drive End Bearing	<b>BALL</b>
Frame Material	<b>Rolled Steel</b>	Shaft Type	<b>NEMA 56</b>
Overall Length	<b>13.06 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>034918-800</b>	Connection Diagram	<b>005010.01</b>

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**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"	
	"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		LEESON	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	TITLE	OUTLINE - 56HC FRAME TENV - RIGID "C"	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	REF
01	NAMEPLATE WAS ABOVE COND. BOX, PER ECR 71985	RLW 6/20/02	BJB	.XXXX			±.0005	FMF
NO.	REVISION	BY & DATE	CHK	ANG			±1/2'	FINISH
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	
			DIST		DRAWING NO. 034918		REV. 04	

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		<b>Regal Beloit America, Inc.</b>		DRAWN RDW 04/12/02			
				DEC.	INCHES			CHK			
				.X	±.1			APPD			
				.XX	±.01			SCALE 1=1			
				.XXX	±.005	TITLE		REF FIG.2-51			
A	UPDATED TO REGAL LOGO	SAJ 06/26/15	AJY	.XXXX	±.0005	MAT'L.		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	04/12/02	CAD FILE		00501001	SIZE	DRAWING NO.	REV.
				DIST		BRF-NLV		A	005010-01	A	



P.O. BOX 8003  
WAUSAU, WI 54401-8003  
PH. 715-675-3311

DATA VOLTS: 460

**CERTIFICATION DATA SHEET**

CONN. DIAGRAM: 005010.01  
OUTLINE: 034918-800  
WINDING: T63673

CAT #: 115744.00

NONE 3

**TYPICAL MOTOR PERFORMANCE DATA**

HP	KW	SYNC RPM	FL RPM	FRAME	ENCLOSURE	TYPE	KVA CODE	DESIGN		
0.75	0.56	1200	1158	56HC	TENV	NA	J	B		
PH	HZ	VOLTS	AMPS	START TYPE	DUTY	INSL	S.F.	AMB	ELEV.	
3	60	208-230/460	3.1-3/1.5	ACROSS THE LINE	CONT	F	1.15	40	3300	
F.L. EFF		3/4 LD EFF		1/2 LD EFF		ELECT. TYPE				
78.0		76.6		72.0		SQ CAGE IND RUN				
F.L. PF		3/4 LD PF		1/2 LD PF		GTD EFF				
62.7		54.8		44.0		0.0				
F.L. TORQUE		LR AMPS @ 460 V		L.R. TORQUE		B.D. TORQUE		F.L. RISE (°C)		
3.4 LB-FT		7.3		7.6 LB-FT		10.3 LB-FT		70		
PRESSURE @ 3		POWER		ROTOR WK²		MAX. LOAD WK²		SAFE STALL TIME	STARTS/HOUR	MOTOR WGT
0 DBA		9 DBA		0.16 LB-FT²		0.2 LB-FT²		10 SEC.	0	0 LB.

**\*\*\* SUPPLEMENTAL INFORMATION \*\*\***

DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	MOTOR ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIIP COVER	SCREENS	PAINT		
C-FACE	STANDARD	RIGID	HORIZONTAL	NO	NONE	NO	NONE	ITE - LEESON (EPO		
BEARINGS		SHAFT TYPE		SPECIAL DE		SHAFT MATERIAL		FRAME MATERIAL		
DE ODE	GREASE	BALL BALL	STANDARD 56	NONE	NONE	303 STAINLESS (C-501)	ROLLED STEEL			
THERMOSTATS		PROTECTORS		WIDG RTD's		BRG RTD's		THERMISTORS	CONTROL	SPACE HEATERS
NONE		NOT		NONE		NONE		NONE		NA
R1 (ohms/ph)	R2 (ohms/ph)	X1 (ohms/ph)	X2 (ohms/ph)	Xm (ohms/ph)	VIBRATION (in/sec)	FLOAT ODE				
0	0	0	0	0	0.080					

* N O T E S *		INVERTER TORQUE: NONE	
		INV. HP SPEED RANGE: NONE	
		ENCODER: NONE	
		BRAKE: NONE	
		FT-LB: NA	
		VOLTAGE: NONE	
		UL: Y-(LEESON UL REC)	

DATE: 1/18/2018	UL: Y-(LEESON UL REC)
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Date: 1/18/2018

11574400



Data @ 460 V

Motor Load Data						
Load	0%	25%	50%	75%	100%	LR
Current (Amps)	0.96	1.00	1.11	1.25	1.43	7.3
Torque (ft-lb)	0.00	0.83	1.68	2.53	3.4	4.3
RPM	1200	1190	1180	1170	1158	0
Efficiency (%)		59.4	72.0	76.6	78.0	
P.F. (%)	13.2	29.4	44.0	54.8	62.7	65.4

Motor Speed Data							Information Block							
	LR	Pull-Up	BD	Rated	Idle		HP	Sync. RPM	Frame	Enclosure	Construction	Voltage	Frequency	Design
Speed (RPM)	0	100	879	1158	1200		0.8	1200	140	TENV	NA	208-230/460	60	B
Current (Amps)	7.3	7.2	4.4	1.43	0.96									
Torque (ft-lb)	7.6	7.6	10.3	3.4	0.00									

Graph showing Efficiency (%), P.F. (%), and Current (Amps) versus Load (0% to 140%). Efficiency (blue) starts at ~29% and rises to ~78%. P.F. (red) starts at ~13% and rises to ~65%. Current (black) starts at ~1.0A and rises to ~1.4A.

Outline Dwg	034918-800		
Conn. Diag	005010.01		
Additional Specifications:	0		
	EQUIV CKT (OHMS / PHASE)		
R1	R2	X1	X2
0.0000	0.0000	0.0000	0.0000
			Xm
			0.0000
VFD Rating	NONE		
Sound Pressure @ 1M	0 dB(A)		

