

PRODUCT INFORMATION PACKET



Model No: C145T17WK65A
Catalog No: 122330.00
2HP..1740RPM.145.TEFC./V.3PH.60HZ.CONT.NOT.40C.1.15SF.RIGID C
575 Volts



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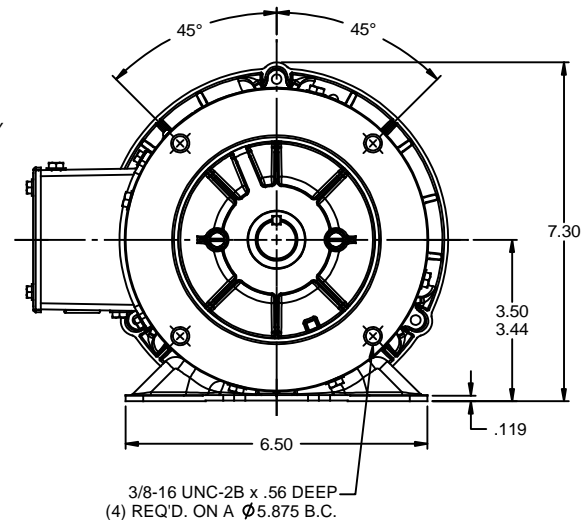
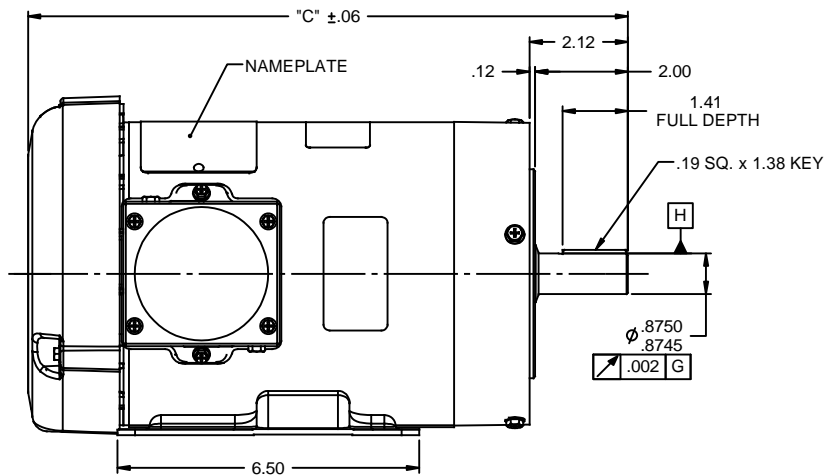
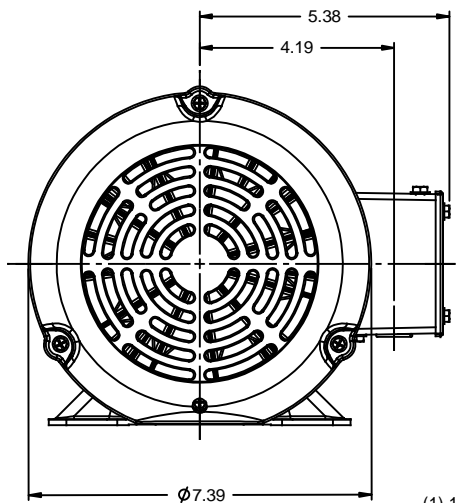


Nameplate Specifications

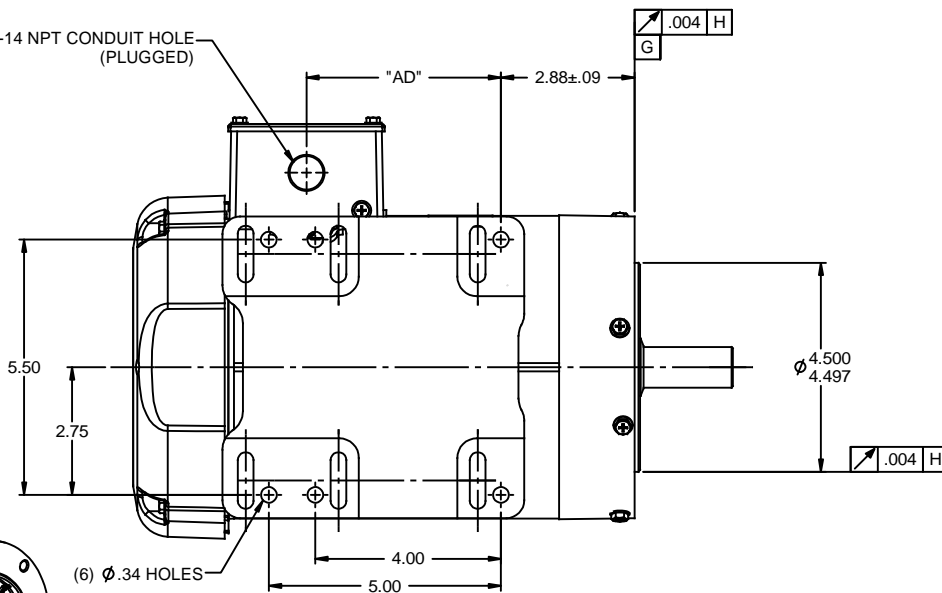
Output HP	2 Hp	Output KW	1.5 kW
Frequency	60 Hz	Voltage	575 V
Current	2.3 A	Speed	1745 rpm
Service Factor	1.15	Phase	3
Efficiency	86.5 %	Duty	Continuous
Insulation Class	F	Design Code	B
KVA Code	L	Frame	145TC
Enclosure	Totally Enclosed Fan Cooled	Overload Protector	No
Ambient Temperature	40 °C	Drive End Bearing Size	6205
Opp Drive End Bearing Size	6203	UL	Recognized
CSA	Y	CE	Y
IP Code	55		

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Reversible
Mounting	Rigid base	Motor Orientation	HORIZONTAL
Drive End Bearing	BALL	Opp Drive End Bearing	BALL
Frame Material	Rolled Steel	Shaft Type	T
Overall Length	13.93 in	Frame Length	8.00 in
Shaft Diameter	0.875 in	Shaft Extension	2.25 in
Assembly/Box Mounting	F1 ONLY		
Outline Drawing	607-0003-800	Connection Diagram	005102.01



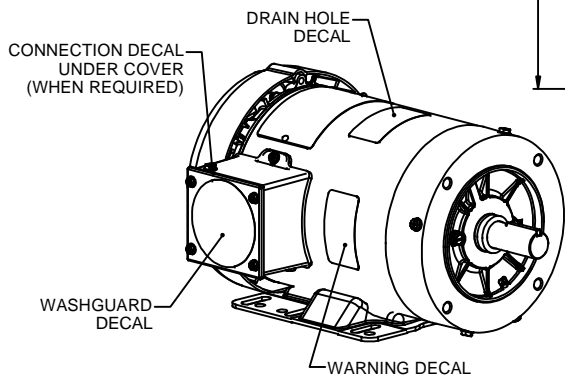
(1) 1/2-14 NPT CONDUIT HOLE (PLUGGED)



WASHGUARD MOTOR

- SPECIAL FEATURES:
1. SHAFT SEALS & V-RING.
 2. PLUGGED DRAIN HOLES IN ENDBELLS & CONDUIT BOX.
 3. BUNA-N GASKETS THROUGHOUT.
 4. STAINLESS STEEL SHAFT, HARDWARE & NAMEPLATE.

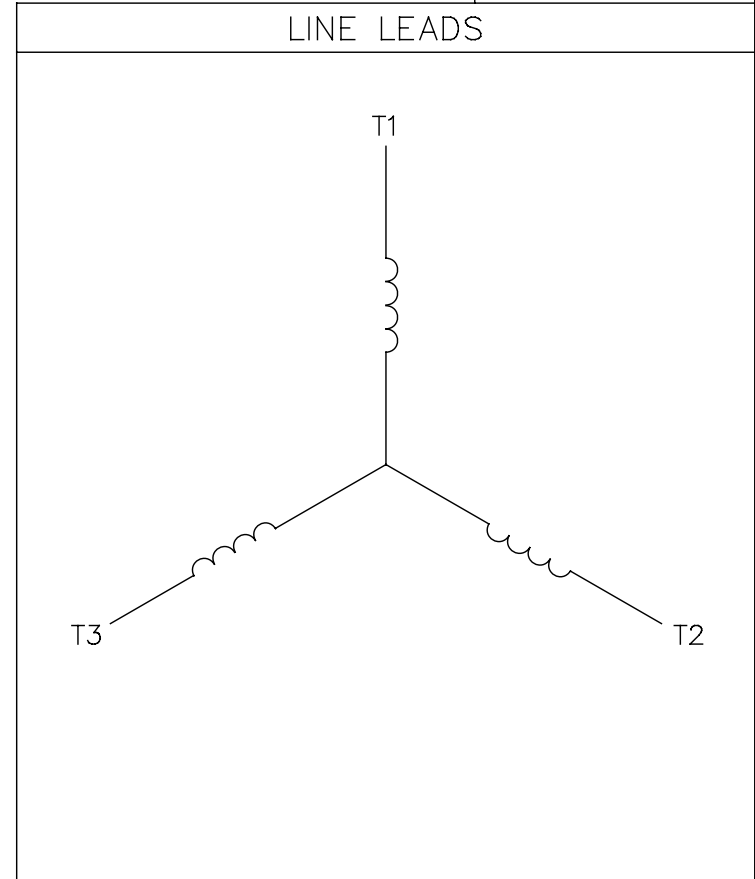
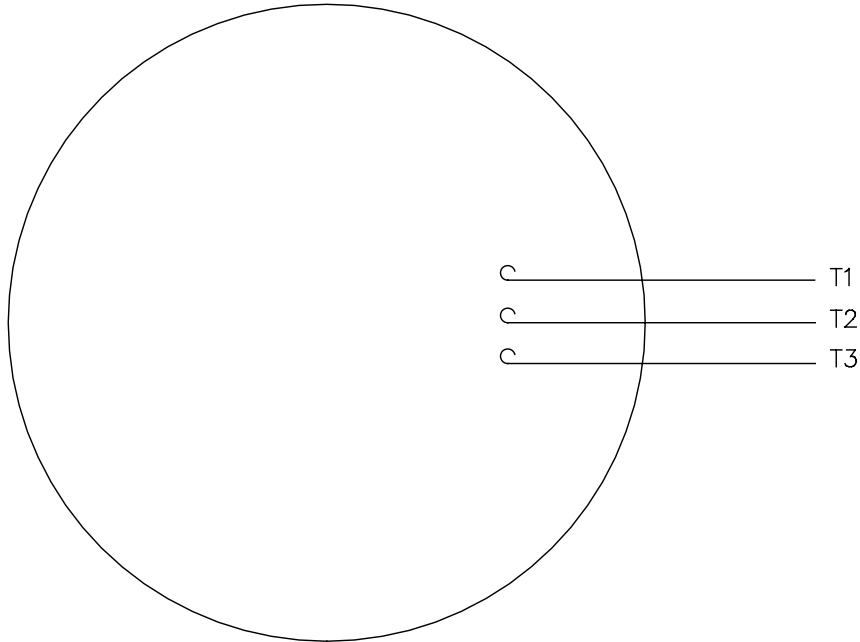
DASH NO.	"C"	"AD"
700	12.93	4.19
750	13.43	4.69
775	13.68	4.94
800	13.93	5.19
850	14.43	5.69



TOLERANCES UNLESS SPECIFIED		TITLE	ELECTRIC MOTORS GEARMOTORS AND DRIVES	DRAWN PG 02/01/11		
DEC	INCHES				CHK	
x	±.1	OUTLINE - 140TC FRAME TEFC - RIGID "C" FACE MATL WASHGUARD	LEESON	APPR		
.xx	±.03			SCALE 3:8		
.xxx	±.005			REF 028811		
.xxxX	±.0005			FMF 121867.00		
NO	REVISION	BY & DATE	CHK ANG ±1/2"	FINISH	PAGE OF	
	THIRD ANGLE PROJECTION	RFP	PREV	SIZE B	DRAWING NO 607-0003	REV
		NETWORK FILE NAME 607-0003				

005102-01

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



CONNECT LEADS AS FOLLOWS
FOR FOUR CONDUCTOR CORD ()

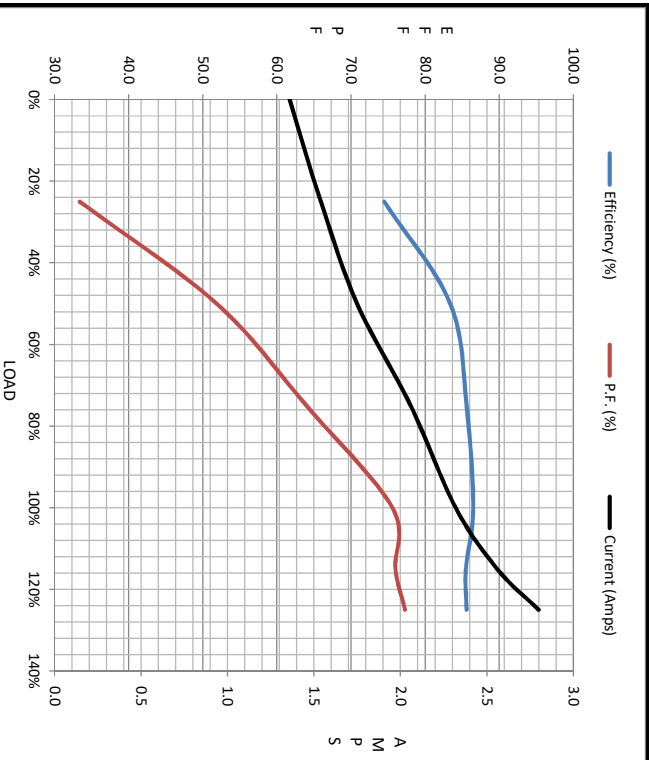
CORD	L1 (RED)	L2 (WHITE)	L3 (BLACK)	(GREEN)
MOTOR	T1	T2	T3	GROUND

				TOLERANCES UNLESS SPECIFIED		REGAL™ Regal Beloit America, Inc.		DRAWN JRW 9/11/75		
				DEC.	INCHES			CHK		
				.X	±.1			APPD JCW 9/11/75		
08	UPDATED TO REGAL LOGO	SAJ 06/26/15	AJY	.XX	±.01	TITLE EXTERNAL WIRING DIAGRAM TYPE "T" W/O PROTECTOR		SCALE 1=1		
07	UPDATED TO CURRENT STANDARDS	DBT 5/30/97		.XXX	±.005			REF W-T6343-6		
06	REDRAWN ON CAD; ADDED DECAL NUMBER	SAW 1/24/95		.XXXX	±.0005			FMF 6T17FB7		
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	5/1/02	CAD FILE 00510201		SIZE	DRAWING NO.	REV.
				DIST BRF-NLV				A	005102-01	08



Motor Load Data									
Load	0%	25%	50%	75%	100%	115%	125%	LR	
Current (Amps)	1.36	1.54	1.75	2.06	2.32	2.56	2.80	21.2	
Torque (ft-lb)	0.00	1.50	3.0	4.5	6.0	6.5	7.5	18.8	
RPM	1800	1787	1774	1763	1751	1,730	1732	0	
Efficiency (%)		74.5	83.4	85.6	88.5	85.5	85.6		
P.F. (%)		33.4	51.9	64.0	75.6	76.0	77.3	42.0	

Motor Speed Data						Information Block																										
	LR	Pull-Up	BD	Rated	Idle	HP	Sync. RPM	Frame	Enclosure	Construction	Voltagge	Frequency	Design	LR Code letter	Service Factor	Temp Rise @ FL	Duty	Ambient	Elevation	Rotor/Shaft wk ²	Ref Wdg	Sound Pressure @ 1M	VFD Rating	Outline Dwg	Conn. Diag	Additional Specifications:	EQUIV CKT (OHMS / PHASE)	R1	R2	X1	X2	Xm
Speed (RPM)	0	775	1085	1751	1800	2.0	1800	140	TEFC	TFR	575	60	A	L	1.15	53	CONT	40 °C	1,000	0.16	FR	65	NONE	607-0003-800	005102.01		0.0000	0.0000	0.0000	0.0000	0.0000	
Current (Amps)	21.2	19.5	11.4	2.32	1.36																											
Torque (ft-lb)	18.8	15.0	24.6	6.0	0.00																											



	R1	R2	X1	X2	Xm
EQUIV CKT (OHMS / PHASE)	0.0000	0.0000	0.0000	0.0000	0.0000

