

# PRODUCT INFORMATION PACKET

Modal No: 5KCR48TN8062  
Catalog No: C194  
3,3450,DP,145T,1/60/115/230  
Open Drip Proof (ODP)



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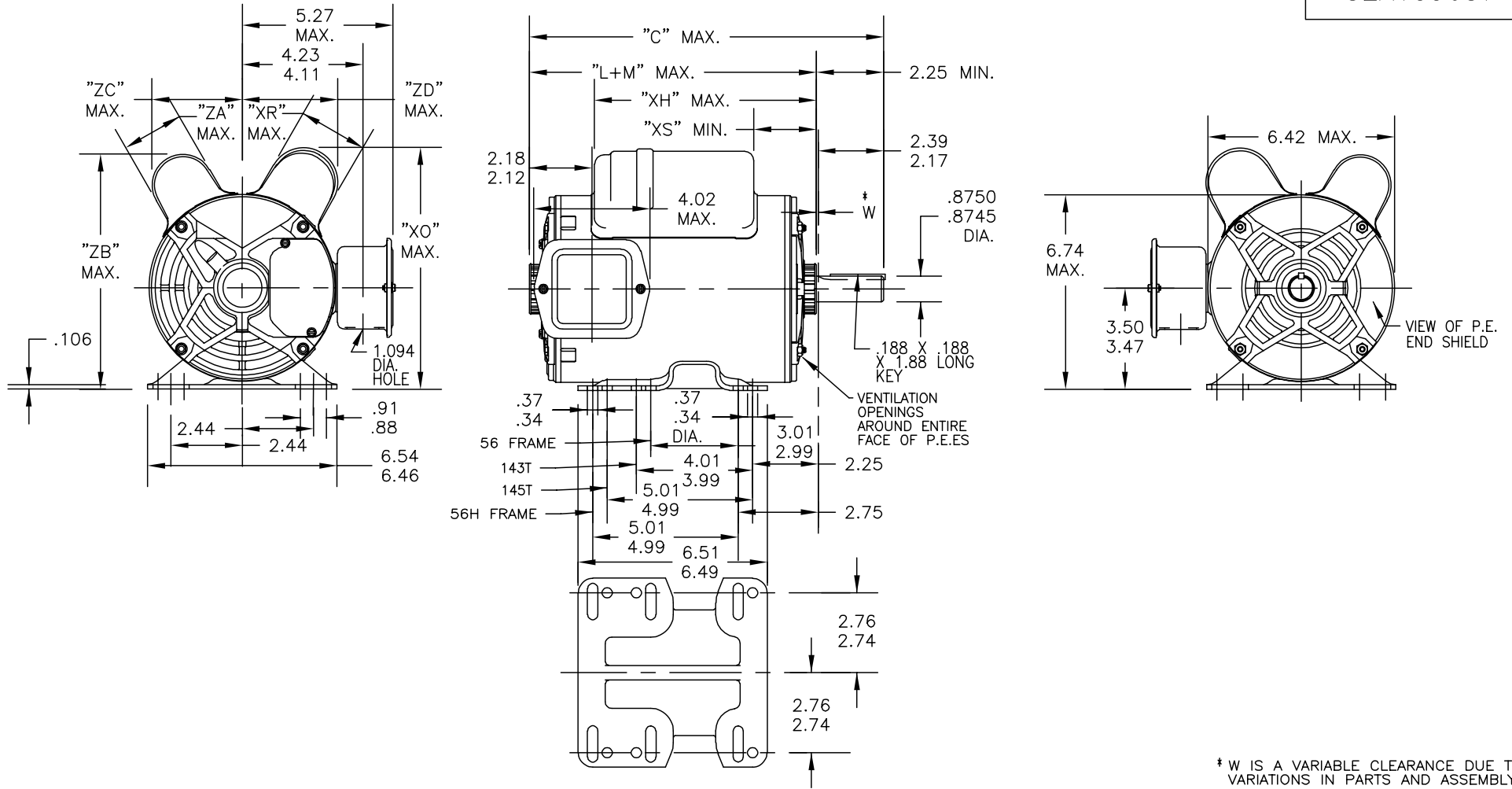
## Nameplate Specifications

Output HP	<b>3 Hp</b>	Output KW	<b>2.24 kW</b>
Frequency	<b>60 Hz</b>	Voltage	<b>115/230 V</b>
Current	<b>29.4,14.7 A</b>	Speed	<b>3450 rpm</b>
Service Factor	<b>1.15</b>	Phases	<b>1</b>
Efficiency	<b>78.5 %</b>	Duty	<b>CONT</b>
Insulation Class	<b>B</b>	KVA Code	<b>J</b>
Frame	<b>145T</b>	Enclosure	<b>DP</b>
Overload Protector	<b>N/R</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>Yes</b>
CE	<b>N</b>		

## Technical Specifications

Electrical Type	<b>Capacitor Start Capacitor Run(CSCR)</b>	Starting Method	<b>SM</b>
Poles	<b>2</b>	Rotation	<b>CCW/CW</b>
Mounting	<b>WB</b>	Motor Orientation	<b>ANY</b>
Drive End Bearing	<b>BALL</b>	Opp Drive End Bearing	<b>BALL</b>
Frame Material	<b>Rolled Steel</b>	Overall Length	<b>13.13 in</b>
Frame Length	<b>8.43 in</b>	Shaft Diameter	<b>0.88 in</b>
Shaft Extension	<b>2.25 in</b>		

52A109637



\* W IS A VARIABLE CLEARANCE DUE TO VARIATIONS IN PARTS AND ASSEMBLY

ALL DIMENSIONS ARE IN INCHES

2	KCR	48	143T 145T	13.13	10.76	7.76	7.81	1.60	2.01	2.40	8.40	3.38	2.86	8.43
1	KCR	49	143T 145T	14.33	11.96	8.30	8.78	2.72	2.61	2.10	8.16	3.14	3.43	9.63
P	TYPE	RBC SIZE	NEMA FR.	"C"	"L+M"	"XH"	"XO"	"XR"	"XS"	"ZA"	"ZB"	"ZC"	"ZD"	MIN. SHELL

				TOLERANCES UNLESS SPECIFIED		<b>REGAL-BELOIT CORPORATION</b>		DRAWN M.D.P 06/22/94	
				DEC.	INCHES			CHK	
				.X	±0.1			APPD M.D.P 06/22/94	
4	REDRAWN IN DRAFT SIGHT NO CHANGES	GR	10/16/12	PKG	.XX	±0.02	TITLE		SCALE 1=1
3	CHG TO RBC FORMAT PER ISO5-1777	SD	03/22/06		.XXX	±0.005	OUTLINE		REF
2	REV. O.E. E.S. PER TI95-22196.	MDP	10/20/95		.XXXX	±0.0005	DP- WELDED BASE		FMF
NO.	REVISION	BY & DATE	CHK	ANG	±1.0	FINISH			PREV

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RFP	CAD FILE	52A109637	SIZE	DRAWING NO.	REV.
DIST			A	52A109637	4

