

# PRODUCT INFORMATION PACKET



Model No: 5KC49PN6051X  
Catalog No: C548  
General Purpose Motor, 1/3 HP, 1 Ph, 60 Hz, 115/230 V, 56 Frame, DP



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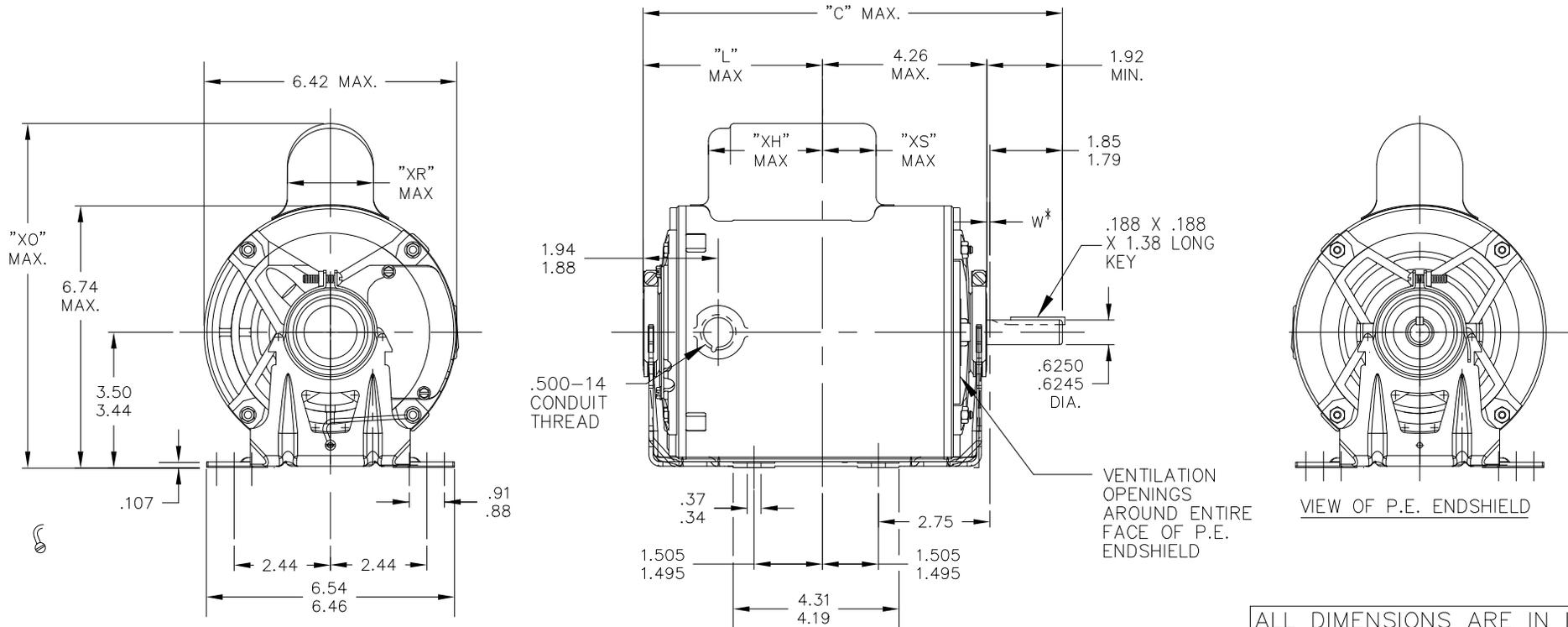
**Nameplate Specifications**

Phase	1	Output HP	1/3 Hp
Output KW	0.25 kW	Voltage	115/230 V
Speed	1140 rpm	Service Factor	1.35
Frame	56	Enclosure	Drip Proof
Thermal Protection	Automatic	Ambient Temperature	40 °C
Frequency	60 Hz	Current	8.6/4.3 A
Power Factor	0	Duty	Continuous
Insulation Class	B	KVA Code	L
Drive End Bearing Size	6203	Opp Drive End Bearing Size	6203
UL	Recognized	CSA	Y
CE	N		

**Technical Specifications**

Electrical Type	Capacitor Start Induction Run	Starting Method	Across The Line
Poles	6	Rotation	Selective Counterclockwise
Motor Orientation	Any	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	NEMA 56	Shaft Diameter	0.625 in
Connection Drawing	52A105383AA	Outline Drawing	52A107622P6

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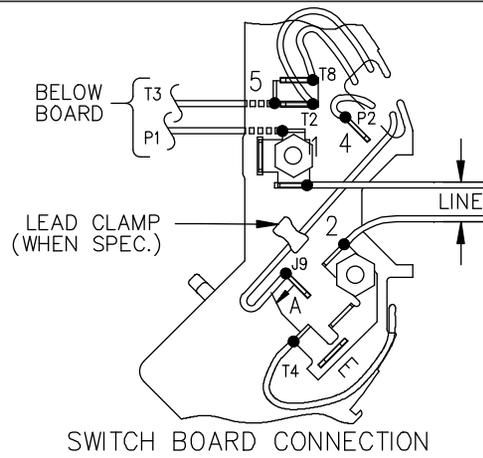
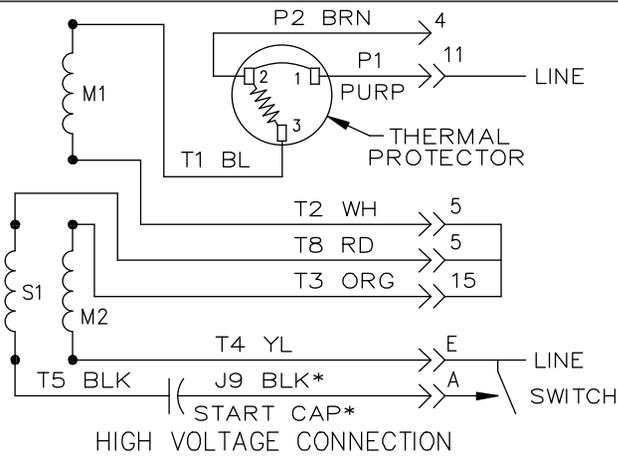
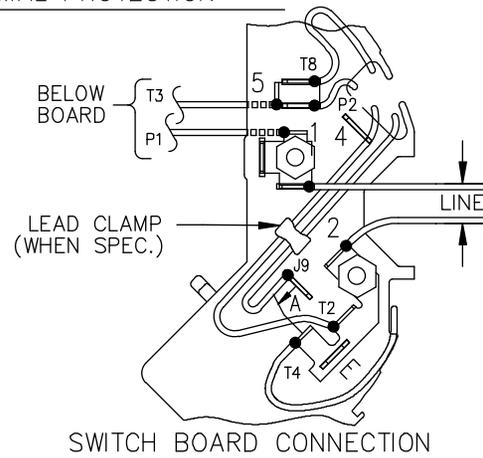
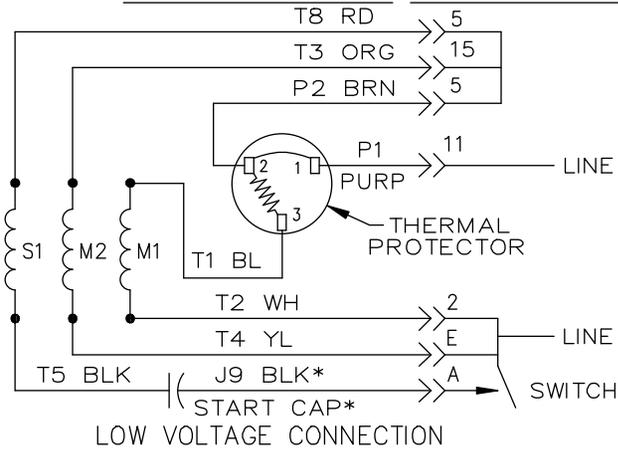
ALL DIMENSIONS ARE IN INCHES

CONTINUED ON 52A107799

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

	9	8	7	6	5	4	3	2	1	P											
	KC	KC	KC	KC	KC	KC	KC	KC	KC	KC	TYPE	FR SIZE	NEMA FR.	"C"	"L"	"XH"	"XO"	"XR"	"XS"		MIN. SHELL
	46	49	46	49	46	42	49	42	46					10.78	11.38	10.78	11.38	10.78	11.38	10.78	6.55
	56	56	56	56	56	56	56	56	56					4.62	5.22	4.62	5.22	4.62	5.22	4.62	7.15
	10.78	11.38	10.78	11.38	10.78	9.95	11.38	9.95	10.78					2.92	3.63	2.18	3.63	2.20	3.63	2.92	8.94
	4.62	5.22	4.62	5.22	4.62	3.79	5.22	3.79	4.62					8.94	8.62	8.94	8.94	8.94	8.94	8.94	2.08
	2.92	3.63	2.18	3.63	3.03	2.20	3.63	2.20	3.03					2.40	2.08	2.40	2.40	2.40	2.40	2.40	2.12
	8.94	8.62	8.94	8.22	8.22	8.22	8.94	8.22	8.94					1.60	1.60	1.60	1.60	1.60	1.60	1.60	2.36
	2.40	2.08	2.40	1.60	1.60	1.60	2.40	1.60	2.40					2.73	2.34	2.73	2.73	2.73	2.73	2.73	7.15
	2.82	2.12	2.36	2.12	2.73	2.34	2.12	2.34	2.73					6.55	5.72	6.55	6.55	6.55	6.55	6.55	7.15
														6.55	5.72	6.55	6.55	6.55	6.55	6.55	7.15
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														6.55	5.72	6.55	6.55	6.55	6.55	6.55	7.15
														6.55	5.72	6.55	6.55	6.55	6.55	6.55	7.15
														6.55	5.72	6.55	6.55	6.55			

EITHER ROTATION, DUAL VOLTAGE, TYPE KC OR KH, WITH THERMAL PROTECTION



NOTE #1 - START CAP & J9 WHEN SPECIFIED (\*). IF NO CAPACITOR (KH), CONNECT T5 DIRECTLY TO SWITCH (A). WHEN MORE THAN ONE CAPACITOR IS USED, CONNECT IN PARALLEL.

NOTE #2 - TO REVERSE ROTATION, INTER CHANGE RD(T8) AND BLK(J9-KC OR T5-KH) LEADS.

SWITCH REF. - 115D958AB	CONNECTION LABEL	CCW ROTATION: NP52X332051AA
		CW ROTATION: NP52X332051AC

NO.	REVISION	BY & DATE	CHK	TOLERANCES UNLESS SPECIFIED		FINISH	DRAWN M.D.P 06/29/87		
				DEC.	INCHES			DRAWING NO.	
				.X	±0.1	 <b>REGAL-BELOIT CORPORATION</b> TITLE CONNECTION DIAGRAM 30 FRAME SWITCH REDESIGN	CHK		
				.XX	±0.02		SCALE 1=1		
5	ADDED CONNECTION LABEL PER ECO-0030779	UD 02/06/13	PKG	.XXX	±0.005	MAT'L.	APPD M.D.P 03/26/96		
4	UPDATED PER ISO7-0150	MD 01/23/07		.XXXX	±0.0005		REF		
				ANG	±1.0	PREV			
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				DIST			A	52A105383AA	5