

# PRODUCT INFORMATION PACKET



Model No: 5KH42JN0328S

Catalog No: H247

General Purpose Farm Duty Motor, 1/2 HP, 1 Ph, 60 Hz, 115/208-230 V, 56 Frame, TEAO



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**Nameplate Specifications**

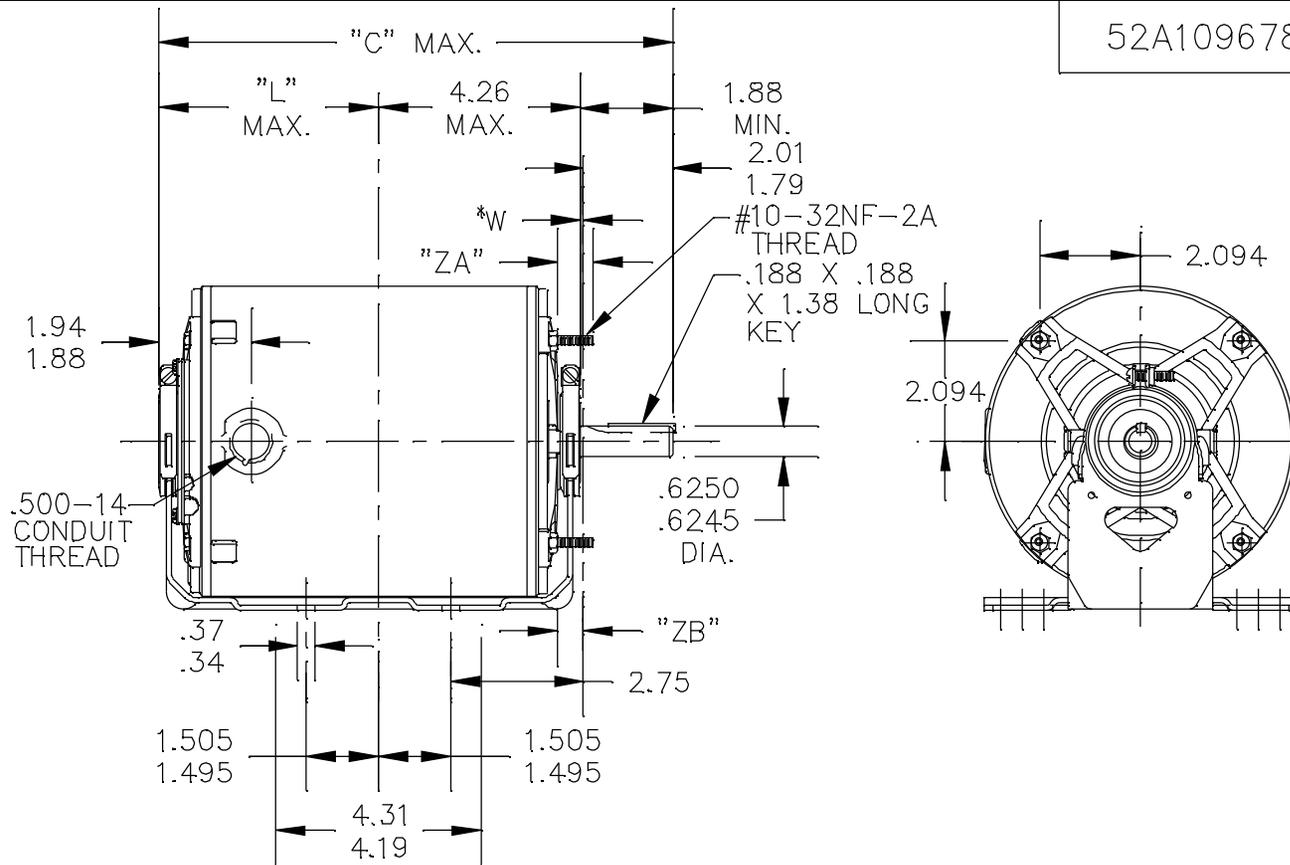
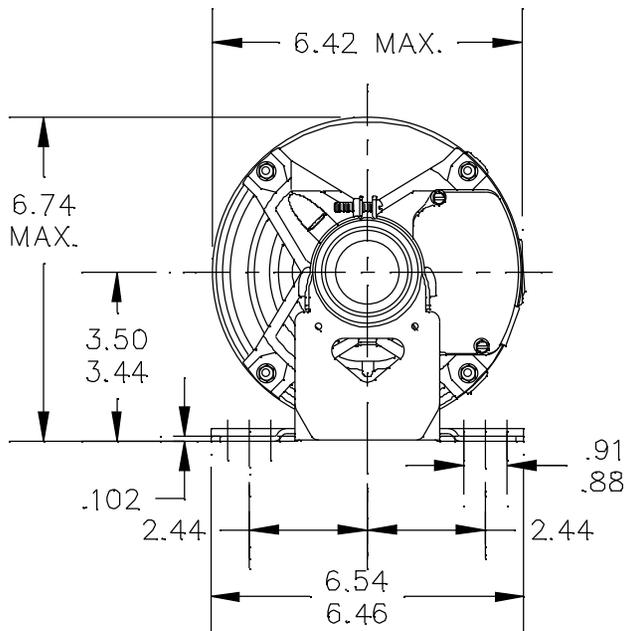
Phase	<b>1</b>	Output HP	<b>1/2 Hp</b>
Output KW	<b>0.37 kW</b>	Voltage	<b>115/208-230 V</b>
Speed	<b>1725 rpm</b>	Service Factor	<b>1.0</b>
Frame	<b>56</b>	Enclosure	<b>Totally Enclosed Air Over</b>
Thermal Protection	<b>Automatic</b>	Ambient Temperature	<b>40 °C</b>
Frequency	<b>60 Hz</b>	Current	<b>8.0/4.0-4.0 A</b>
Power Factor	<b>0</b>	Duty	<b>Continuous Air Over</b>
Insulation Class	<b>B</b>	KVA Code	<b>R</b>
Drive End Bearing Size	<b>6203</b>	Opp Drive End Bearing Size	<b>6203</b>
UL	<b>Recognized</b>	CSA	<b>Y</b>
CE	<b>N</b>		

**Technical Specifications**

Electrical Type	<b>Split Phase</b>	Starting Method	<b>Across The Line</b>
Poles	<b>4</b>	Rotation	<b>Counterclockwise/Clockwise</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>
Shaft Type	<b>NEMA 56</b>	Shaft Diameter	<b>0.625 in</b>
Connection Drawing	<b>52A105383AA</b>	Outline Drawing	<b>52A109678P1</b>

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52A109678



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

ALL DIMENSIONS ARE IN INCHES

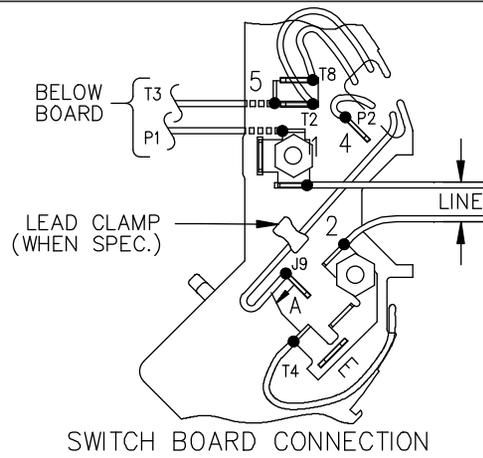
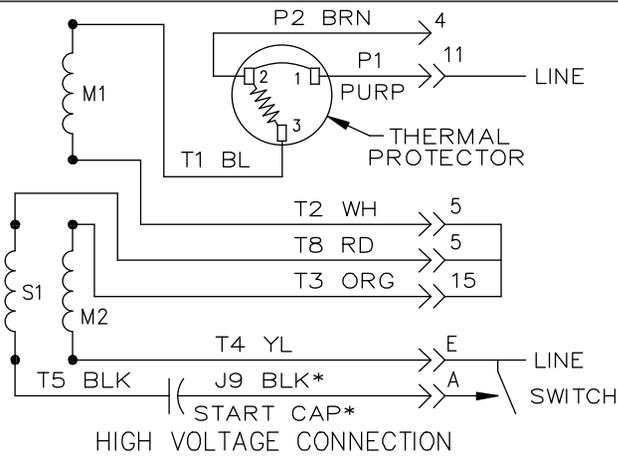
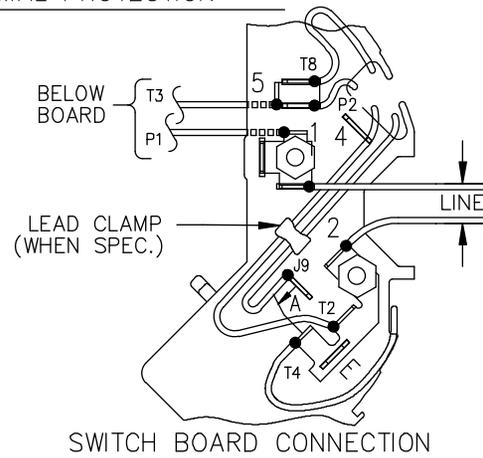
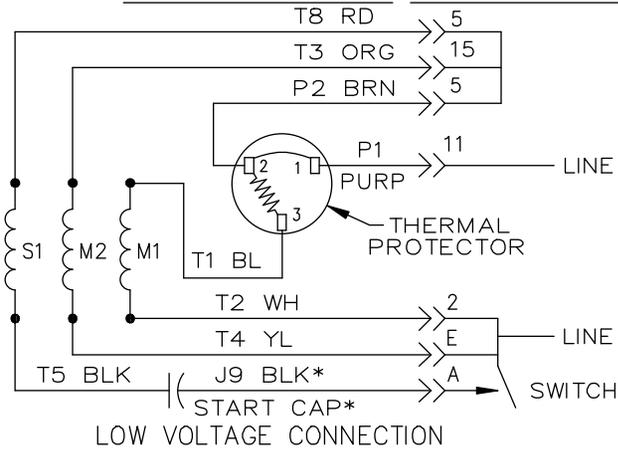
2	KH	46	56	10.88	4.62	.62	.51/.44		6.55
1	K	42	56	10.05	3.79	.62	.51/.44		5.72
P	TYPE	RBC SIZE	NEMA FR.	"C"	"L"	"ZA"	"ZB"		MIN. SHELL

				TOLERANCES UNLESS SPECIFIED		<b>REGAL-BELOIT CORPORATION</b>		DRAWN M.D.P 09/08/94	
				DEC.	INCHES			CHK	
4	REDRAWN IN DRAFT SIGHT NO CHANGES	PVR 10/16/12	PKG	.X	±0.1	TITLE OUTLINE TENV - RESILIENT BASE EXTENDED CLAMP SCREWS		APPD M.D.P 09/08/94	
3	ADDED PART #2 PER DS10-0176	AB 02/26/10		.XX	±0.02			SCALE 1=1	
2	CHG TO RBC FORMAT PER IS05-1777	SUDHA3/23/06		.XXX	±0.005			REF	
1	ADDED DIM. "ZB"	M.A.M09/20/94		.XXX	±0.0005			FMF	
NO.	REVISION	BY & DATE	CHK	ANG	±1.0	FINISH	PREV		

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RFP	CAD FILE	52A109678	SIZE	DRAWING NO.	REV.
DIST			A	52A109678	4

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	ANG	TOLERANCES UNLESS SPECIFIED		FINISH	DRAWN M.D.P 06/29/87				
					DEC.	INCHES						
					.X	±0.1	 <b>REGAL-BELOIT CORPORATION</b>	CHK				
					.XX	±0.02		TITLE	APPD M.D.P 03/26/96			
5	ADDED CONNECTION LABEL PER ECO-0030779	UD 02/06/13	PKG	.XXX	±0.005		CONNECTION DIAGRAM 30 FRAME SWITCH REDESIGN	SCALE 1=1				
4	UPDATED PER ISO7-0150	MD 01/23/07		.XXXX	±0.0005	MAT'L.		REF				
								FMF				
								PREV				
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