

PRODUCT INFORMATION PACKET



Model No: 5KH33JN3121S

Catalog No: H139

General Purpose Farm Duty Motor, 1/3 HP, 1 Ph, 60 Hz, 115 V, 48 Frame, TENV



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Nameplate Specifications

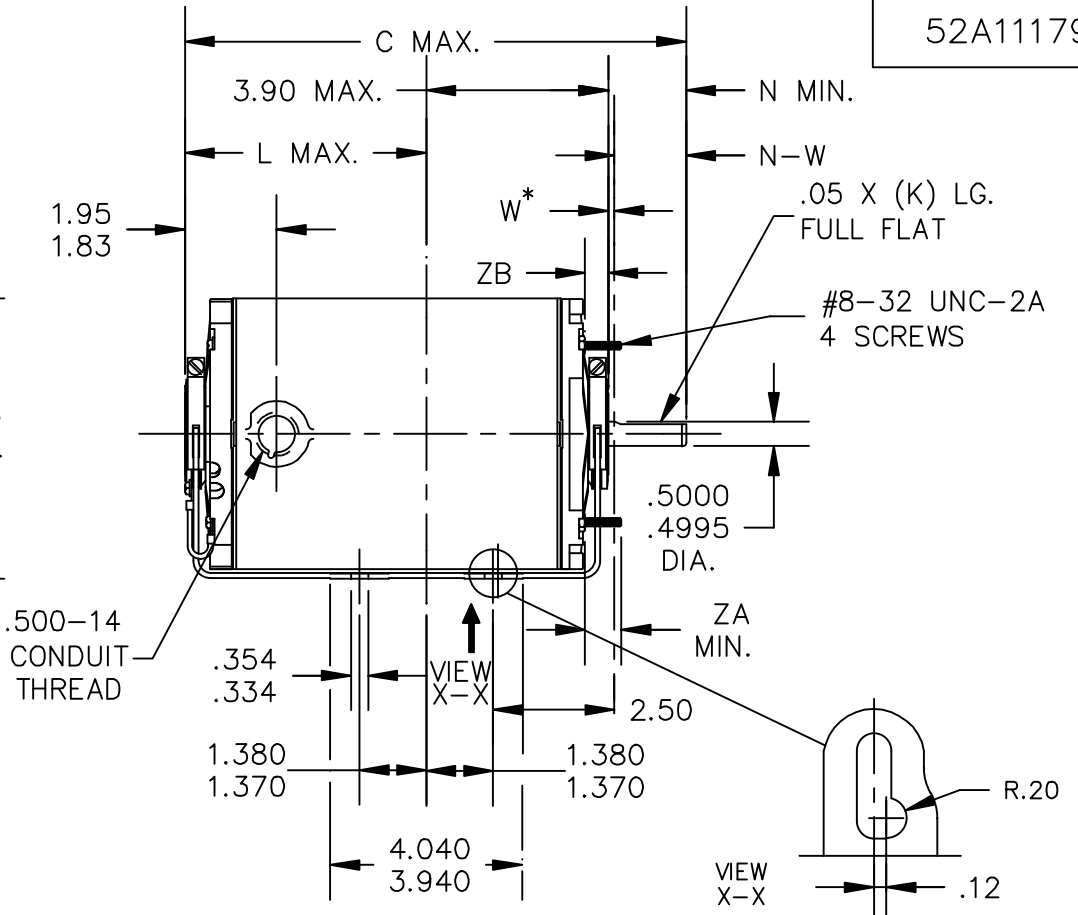
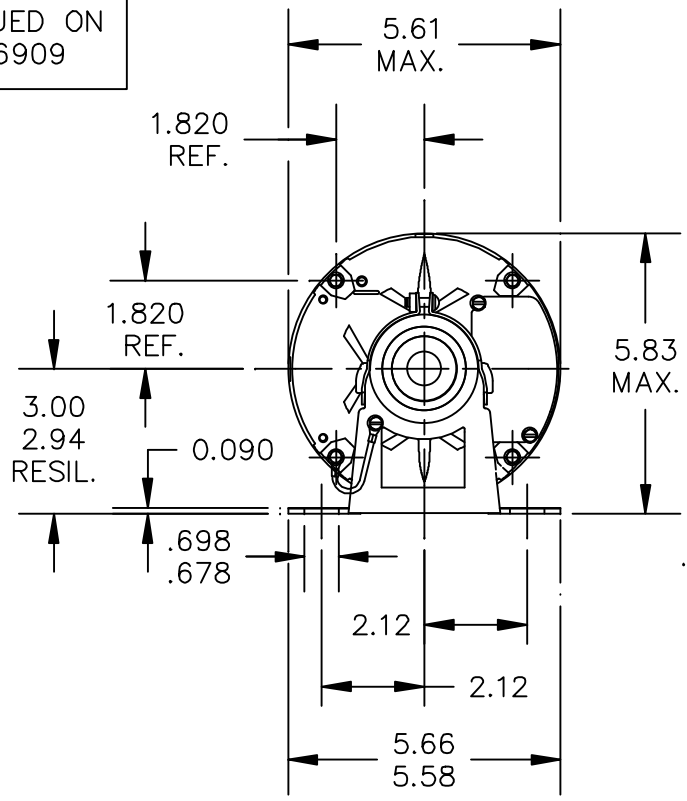
Phase	1	Output HP	1/3 Hp
Output KW	0.25 kW	Voltage	115 V
Speed	1725 rpm	Service Factor	1.35
Frame	48	Enclosure	Totally Enclosed Non Ventilated
Thermal Protection	Automatic	Ambient Temperature	40 °C
Frequency	60 Hz	Current	6.2 A
Power Factor	0	Duty	Continuous
Insulation Class	B	KVA Code	R
Drive End Bearing Size	6203	Opp Drive End Bearing Size	6203
UL	Recognized	CSA	Y
CE	N		

Technical Specifications

Electrical Type	Split Phase	Starting Method	Across The Line
Poles	4	Rotation	Selective Counterclockwise
Motor Orientation	Any	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	NEMA 48	Shaft Diameter	0.500 in
Outline Drawing	52A111799P2	Connection Drawing	52A105379AA

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CONTINUED ON
52A106909



7	K	36	48Z	10.50	1.66	4.65	2.00	2.13/1.91	.55/.52	.62
6	KH	32	48	8.94	1.16	3.59	1.50	1.63/1.41	.55/.52	1.31
5	KH	37	48	10.40	1.16	5.05	1.50	1.63/1.41	.55/.52	.62
4	KH	36	48	10.00	1.16	4.65	1.50	1.63/1.41	.55/.52	.62
3	KH	35	48	9.57	1.16	4.22	1.50	1.63/1.41	.55/.52	.62
2	KH	33	48	9.19	1.16	3.84	1.50	1.63/1.41	.55/.52	.62
1	KH	32	48	8.94	1.16	3.59	1.50	1.63/1.41	.55/.52	.62

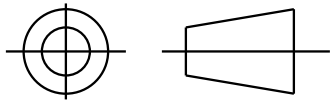
P	TYPE	RBC SIZE	NEMA FR	C	K	L	N	N-W	ZB	ZA
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W* IS A CLEARANCE DUE TO VARIATION IN PARTS AND ASSEMBLY.

				TOLERANCES UNLESS SPECIFIED		REGAL-BELOIT CORPORATION		DRAWN BM 10/11/07		
				DEC.	INCHES			CHK		
				.X	±0.1	TITLE		APPD PKG 10/11/07		
				.XX	±0.02			SCALE 1=1		
01	CHG GD LD FROM 4:30 TO 7:30 PER IS11-0510 & REDRAWN IN DRAFT SIGHT.			UD	09/24/12	PKG	.XXX	±0.005	REF	
				.XXXX	±0.0005	MAT'L.		FMF		
NO.	REVISION			BY & DATE	CHK	ANG	±1.0	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	CAD FILE		52A111799	SIZE	DRAWING NO.	
				DIST				A	52A111799	REV. 01

SHEET 1
REV 6
52A105379AA
SIZE DRAWING NO. A

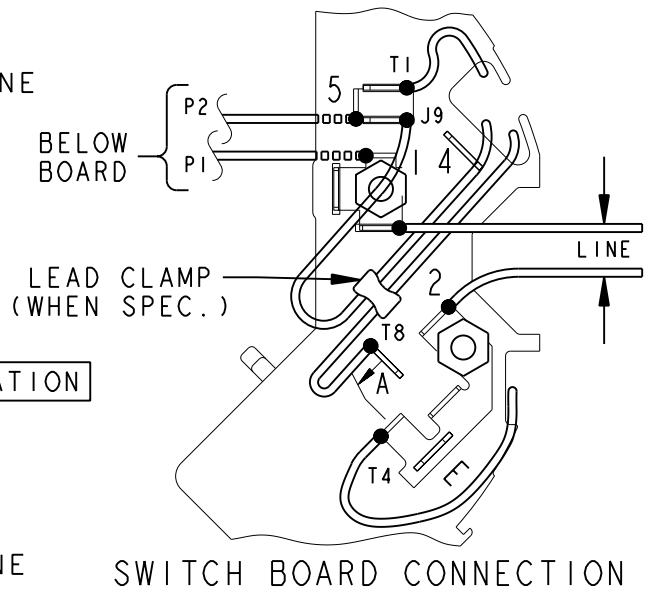
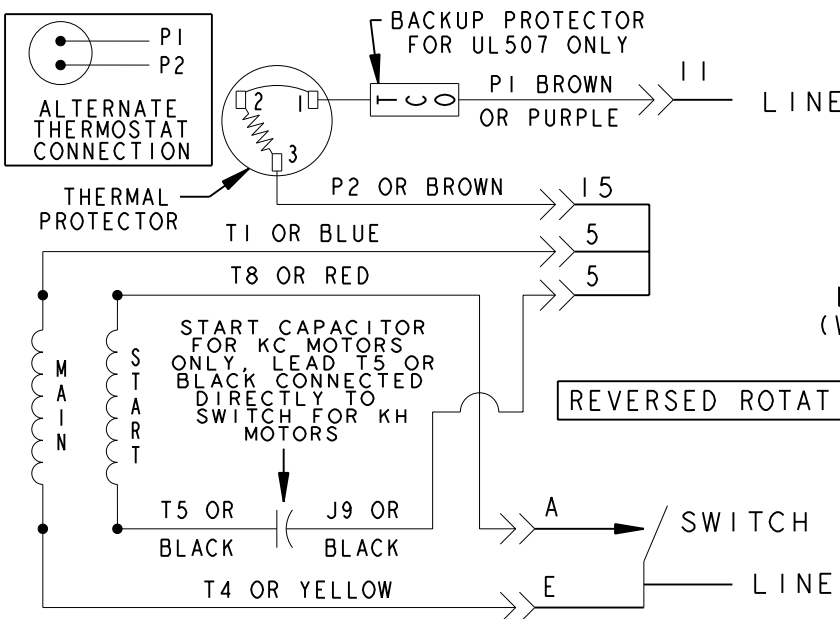
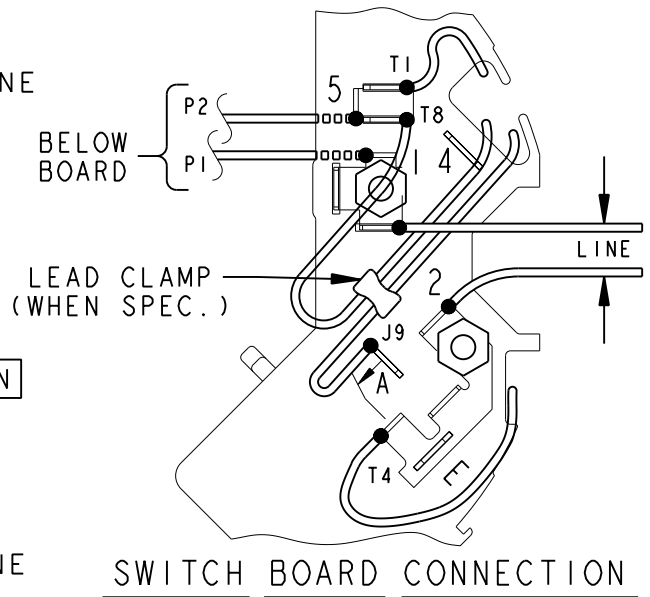
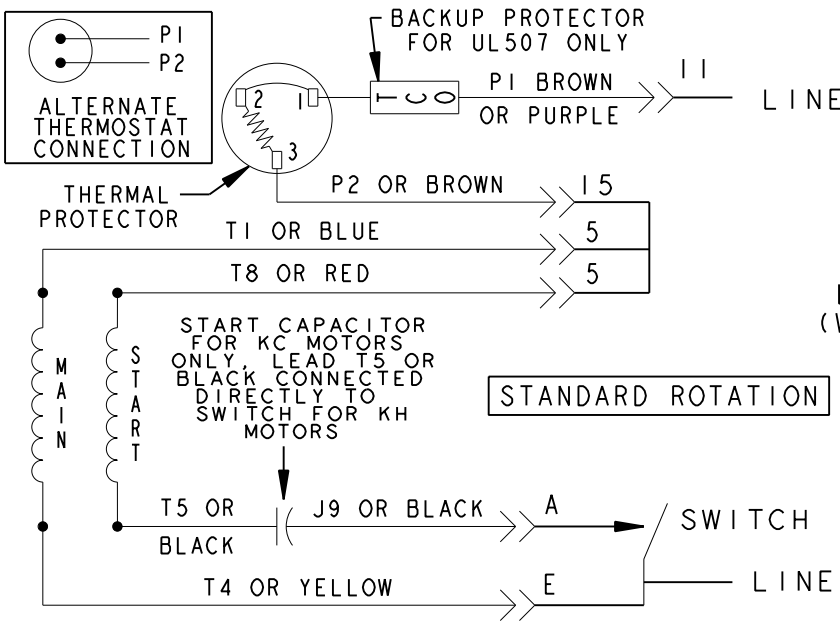
THIRD ANGLE PROJECTION



REVISIONS

REV.	DESCRIPTION	DATE	APPROVED
6	UPDATED FORMAT	12/01/05	MAM

EITHER ROTATION-SINGLE VOLTAGE-TYPE KC OR KH-WITH THERMAL PROTECTOR



NOTE #1 - TO REVERSE ROTATION INTERCHANGE RED (T8) AND BLACK (J9-KC OR T5-KH) LEADS.
NOTE #2 - WHEN MORE THAN ONE CAPACITOR IS USED CONNECT IN PARALLEL.

SWITCH (C) - 115D958AB	REF. DIAG. - 121A851	CONN. LABEL - 52X332048
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SIGNATURES		DATE
MODEL	M. D. PAPE	06/29/87
DETAIL	.	.
CHECKED	.	.
ENGRG	.	.
MFG	.	.
FOR ADDITIONAL INFO REFER TO:	QUALITY	.
APPLIED PRACTICES	ISSUED	M. D. P. 03/08/00
DIMENSIONS ARE IN INCHES ✓	SOLID MODEL: 52A105379AA	

REGAL-BELOIT CORPORATION

CONNECTION DIAGRAM

FMF - 30 FR SWITCH REDESIGN

SIZE DRAWING: A

SCALE: 1.000 REF. No: .

52A105379AA REV 6

SHEET 1 of 1