

# PRODUCT INFORMATION PACKET

Model No: 5KH33KN20S  
Catalog No: H277  
1/4, 1725, TENV, 48, 1/60/230  
Single Phase



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**Nameplate Specifications**

Output HP	<b>1/4 Hp</b>	Output KW	<b>0.19 kW</b>
Frequency	<b>60 Hz</b>	Voltage	<b>230 V</b>
Current	<b>2.3 A</b>	Speed	<b>1725 rpm</b>
Service Factor	<b>1</b>	Phase	<b>1</b>
Efficiency	<b>60 %</b>	Duty	<b>Continous</b>
Insulation Class	<b>B</b>	KVA Code	<b>P</b>
Frame	<b>48</b>	Enclosure	<b>Totally Enclosed Non Ventilated</b>
Overload Protector	<b>AUTO</b>	Ambient Temperature	<b>40 °C</b>
Drive End Bearing Size	<b>6203</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>Split Phase</b>	Starting Method	<b>SM</b>
Poles	<b>4</b>	Rotation	<b>Counterclockwise/Clockwise</b>
Mounting	<b>Resilient Base</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>9.19 in</b>
Frame Length	<b>5.41 in</b>	Shaft Diameter	<b>0.5 in</b>
Shaft Extension	<b>1.5 in</b>		
Outline Drawing	<b>52A101954P2</b>	Connection Diagram	<b>52A105379AA</b>

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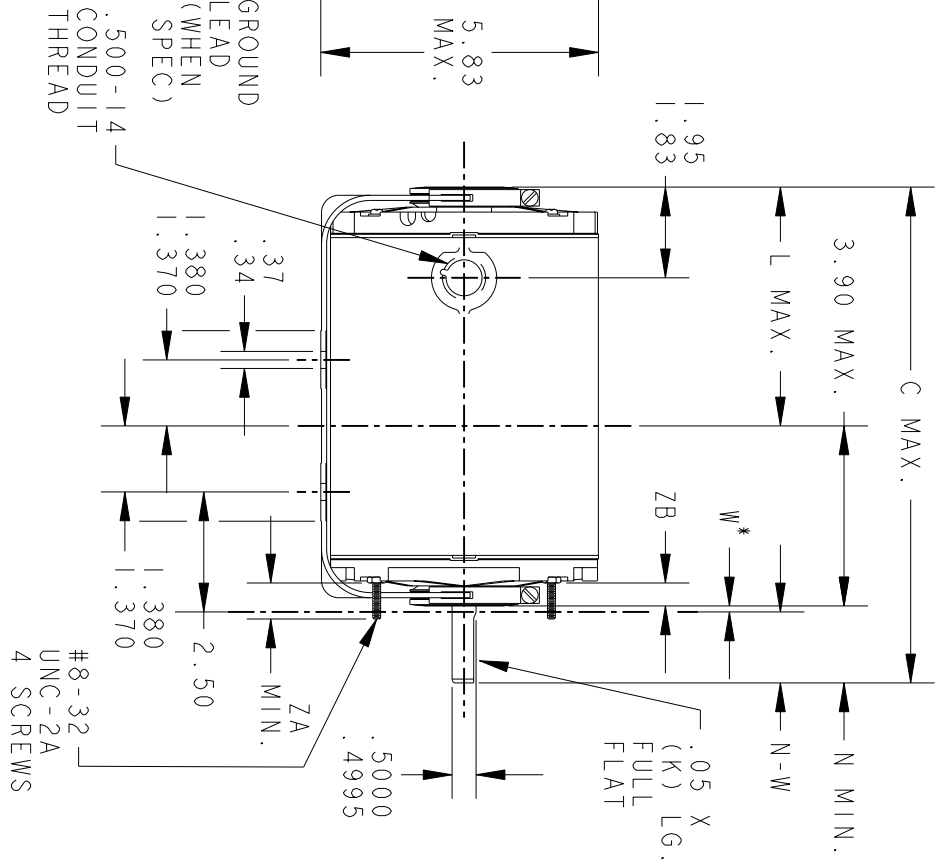
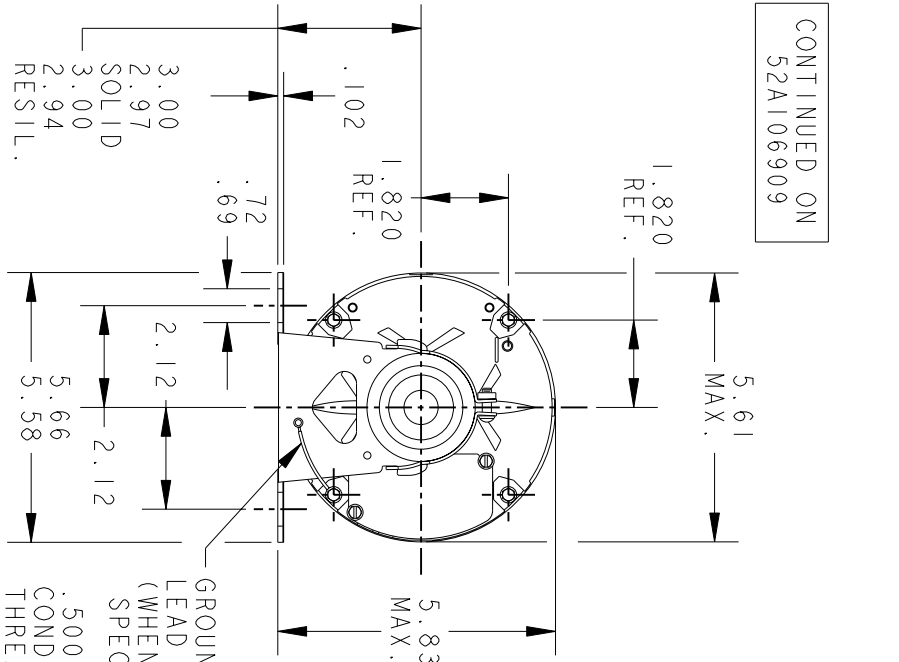
THIRD ANGLE PROJECTION



REVISIONS

REV.	DESCRIPTION	DATE	APPROVED
9	CHG TO RBC FORMAT AS PER IS05-1777	12/21/05	GOVARDAN
10	UPDATED PER IS07-0218	2/15/07	GOVARDAN

CONTINUED ON  
52A106909



W\* IS A CLEARANCE DUE TO VARIATION IN PARTS AND ASSEMBLY.

P	TYPE	RBC SIZE	NEMA FR	C	K	L	N	N-W	ZB	ZA
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

SIGNATURES		DATE
MODEL	F.P.K	10/18/16
DETAIL	.	.
CHECKED	.	.
ENGRG	.	.
MFG	.	.
QUALITY	.	.
ISSUED	MDP	05/24/16
SOLID MODEL:	52A101954	



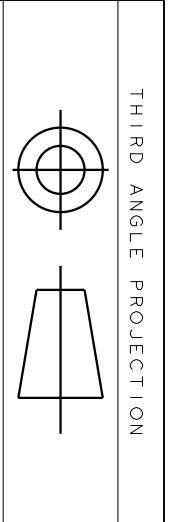
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TITLE  
OUTLINE

FORM N - GENERAL PURPOSE MOTOR - TENV -  
SOLID OR RESIL BASE - BALL OR SLEEVE BEARING

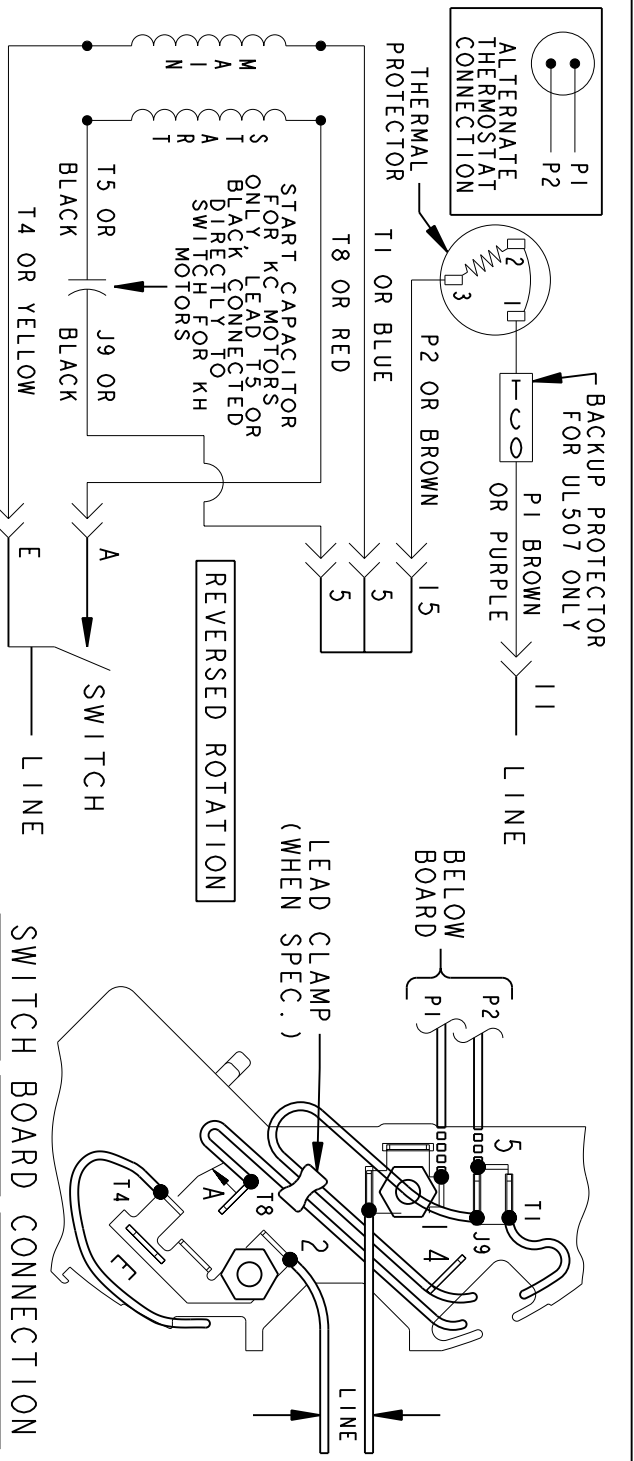
52A101954

SCALE: 1.000 REF. No.:  
SHEET 1 of 1



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

SIGNATURES	DATE
MODEL M.D. PAPE	06/29/87
DETAIL	
CHECKED	
ENGRG	
MFG	
QUALITY	
ISSUED	M.D.P. 03/08/00
SOLID MODEL: 52A105379AA	

**REGAL-BELOIT CORPORATION**

**REGAL-BELOIT**

TITLE: **CONNECTION DIAGRAM**

SIZE: DRAWING A

SCALE: 1.000 REF. No.:

FMF - 30 FR SWITCH REDESIGN

52A105379AA

REV 6

SHEET 1 of 1