

# PRODUCT INFORMATION PACKET

Model No: 5KHC39QN9581T  
Catalog No: HG648  
1/3,1800,TEAO,48,1/60/115/208-230  
Single Phase



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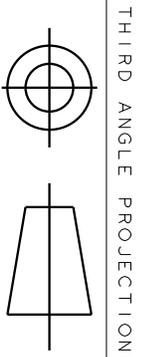
### Nameplate Specifications

Output HP	<b>0.33 Hp</b>	Output KW	<b>0.25 kW</b>
Frequency	<b>60 Hz</b>	Voltage	<b>115/208-230 V</b>
Current	<b>4.1,2.1-2.0 A</b>	Speed	<b>1725 rpm</b>
Service Factor	<b>1</b>	Phase	<b>1</b>
Efficiency	<b>63.3 %</b>	Duty	<b>CONT</b>
Insulation Class	<b>B</b>	KVA Code	<b>P</b>
Frame	<b>48</b>	Enclosure	<b>TEAO</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

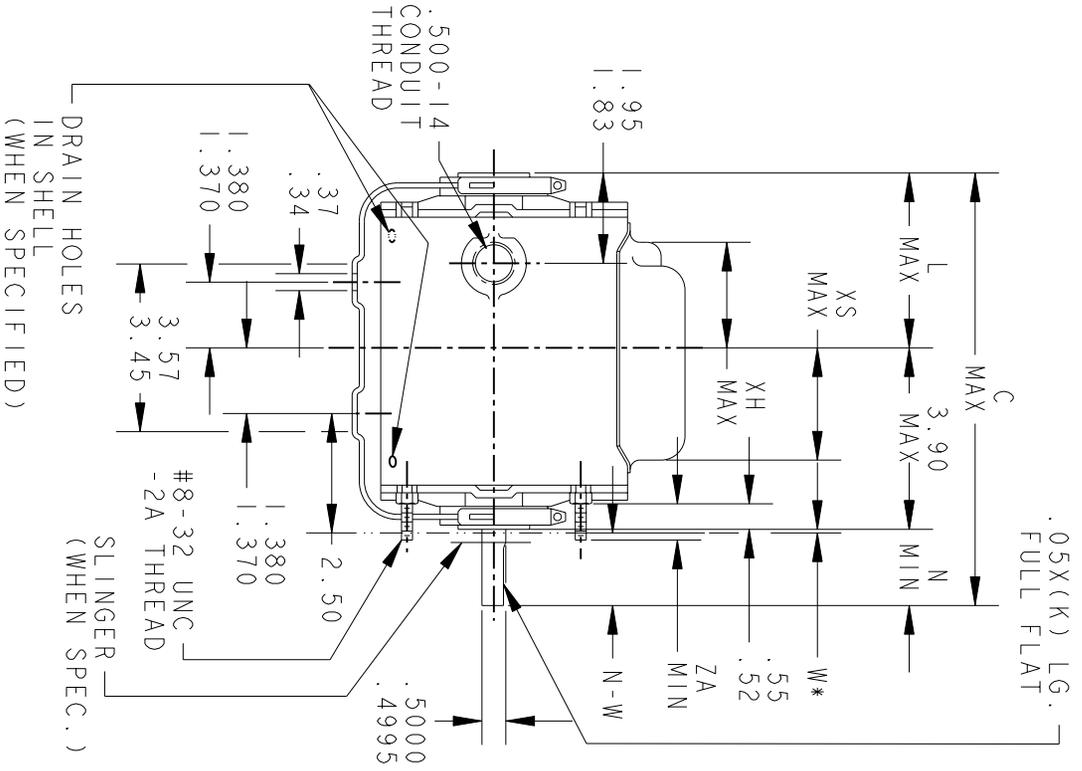
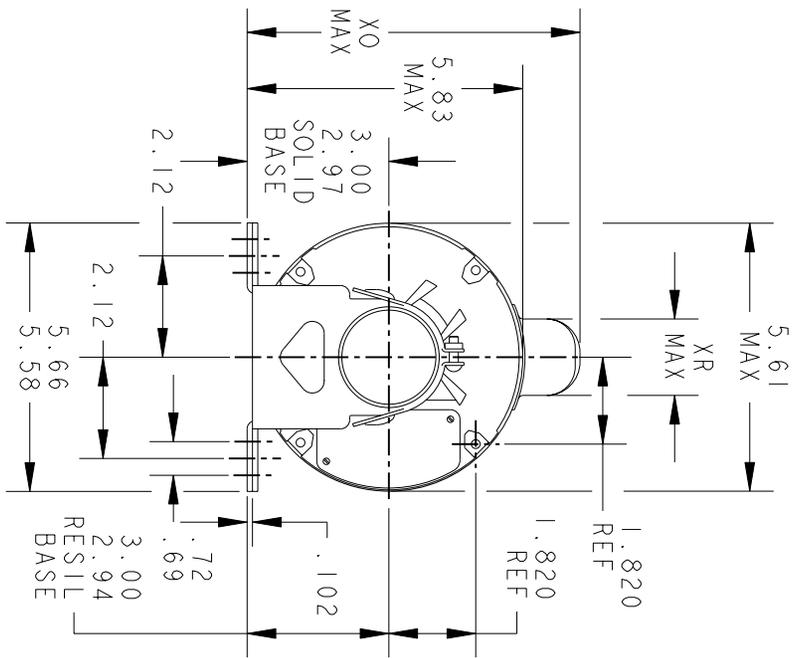
Electrical Type	<b>Split Start Cap run</b>	Starting Method	<b>SM</b>
Poles	<b>4</b>	Rotation	<b>CCW/CW</b>
Mounting	<b>RB</b>	Motor Orientation	<b>ANY</b>
Drive End Bearing	<b>BALL</b>	Opp Drive End Bearing	<b>BALL</b>
Frame Material	<b>Rolled Steel</b>	Overall Length	<b>10.4 in</b>
Frame Length	<b>6.62 in</b>	Shaft Diameter	<b>0.5 in</b>
Shaft Extension	<b>1.5 in</b>		
Outline Drawing	<b>52A103173P1</b>	Connection Diagram	<b>52A105383AB</b>

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THIRD ANGLE PROJECTION

REVISIONS		DESCRIPTION	DATE	APPROVED
4	REDRAWN NO CHNAGE	T196-22390	07/11/96	M.D.P.
5	CHG TO RBC FORMAT AS PER	IS05-1777	01/12/06	GOVARDAN



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

PT	TYPE	GE SIZE	NEMA FR	C	K	L	N	N-W	XH	XO	XR	XS	ZA
3	KCP	37	48	11.40	2.16	5.05	2.50	2.63/2.41	3.82	7.74	2.10	1.95	.50
2	KHC	37	48	10.40	1.16	5.05	1.50	1.63/1.41	3.42	7.93	2.22	2.35	.62
1	KHC	37	48	10.40	1.16	5.05	1.50	1.63/1.41	3.42	7.74	2.10	2.35	.62

SIGNATURES		DATE
MODEL	D.E.D	03/30/79
DETAIL		
CHECKED		
ENGRG		
MFG		
QUALITY		
ISSUED	M.D.P	07/11/96
SOLID MODEL:	52A103173	



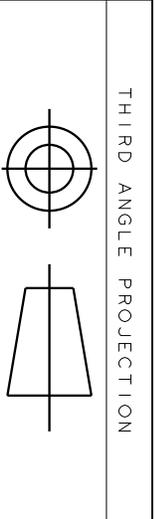
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OUTLINE

FORM N - GENERAL PURPOSE MOTOR - TENV - SOLID OR RESIL BASE - BALL OR SLEEVE BEARING, FME - 5KHC37MMHS

SCALE: 0.250 REF. No.: .

52A103173 REV 5 SHEET 1 of 1



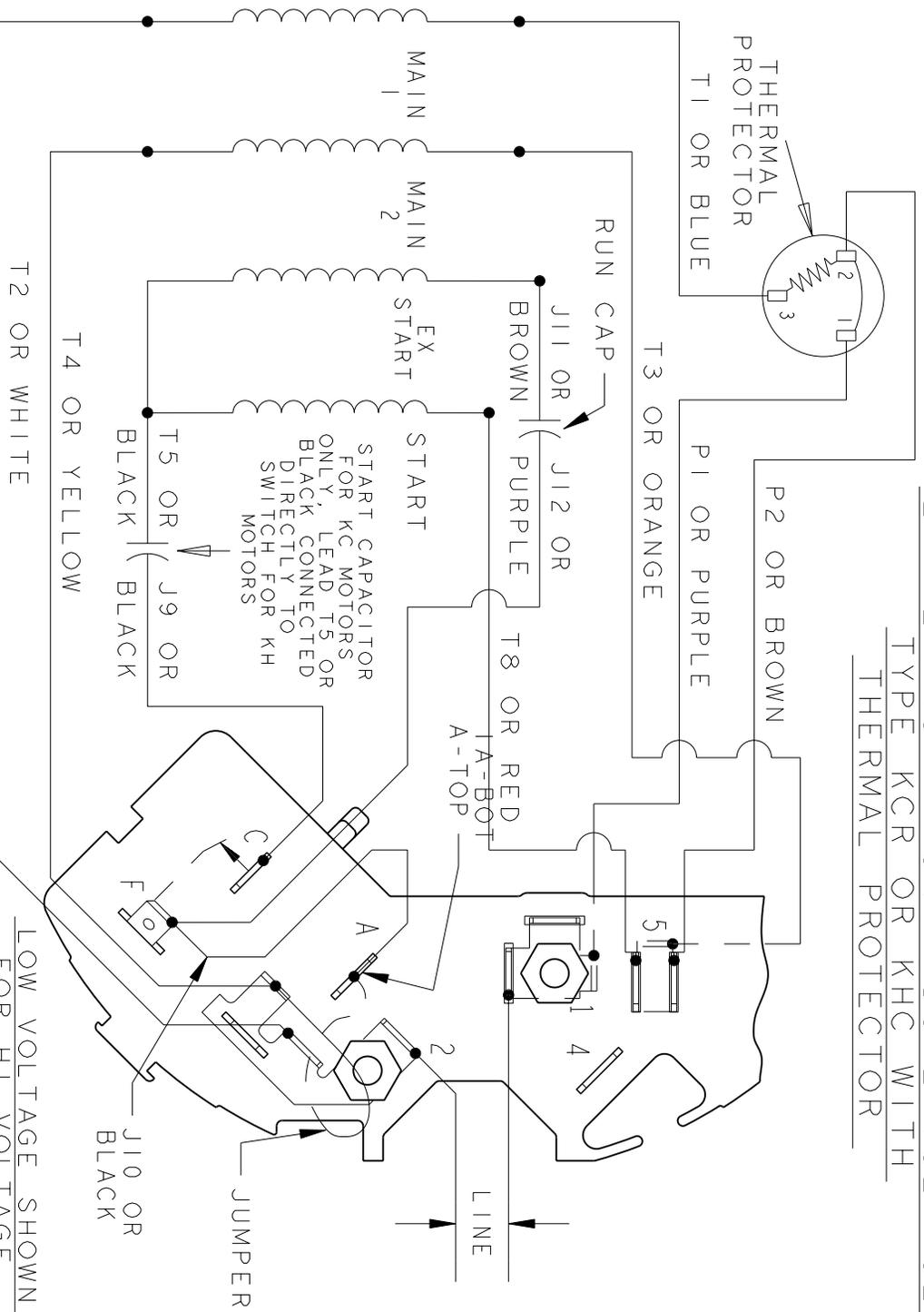
THIRD ANGLE PROJECTION

REVISIONS		DATE	APPROVED
REV.	DESCRIPTION		
3	UPDATED FORMAT	01/05/06	MAM

EITHER ROTATION - DUAL VOLTAGE  
TYPE KCR OR KHC WITH  
THERMAL PROTECTOR

52A105383AB

SIZE DRAWING NO.



- NOTE # 1 - FOR HI VOLTAGE REMOVE BROWN (P2) FROM TERMINAL #5 AND PLACE ON TERMINAL #4, REMOVE WHITE (T2) FROM TERMINAL #2 AND PLACE ON TERMINAL #5.
- NOTE # 2 - TO REVERSE ROTATION INTERCHANGE BLACK (J10) AND RED (T8) LEADS.
- NOTE # 3 - WHEN MORE THAN ONE CAPACITOR IS USED CONNECT IN PARALLEL.

REF. DIAG. - 119A9479

SWITCH - 115D958AC  
CONNECTION LABEL - 52X332051

SIGNATURES		DATE
MODEL	M.D. PAPE	10/19/87
DETAIL	.	.
CHECKED	.	.
ENGRG	.	.
MFG	.	.
FOR ADDITIONAL INFO REFER TO:	QUALITY	.
APPLIED PRACTICES	ISSUED	M.D.P. 10/19/87
DIMENSIONS ARE IN INCHES	SOLID MODEL: 52A105383AB	



REGAL-BELOIT CORPORATION

TITLE  
**CONNECTION DIAGRAM**

FMF: 30 FRAME SWITCH REDESIGN

SIZE DRAWING	A	SCALE: 1.000	REF. No.:	SHEET 1 of 1
REV	52A105383AB	REV	3	