

PRODUCT INFORMATION PACKET



Model No: 5KCR46MN0055X

Catalog No: E266

General Purpose Motor, 1/2 HP, 1 Ph, 60/50 Hz, 100-120/200-240 V, 56C Frame, TEFC

Operational at 100-120/200-240 V @60HZ



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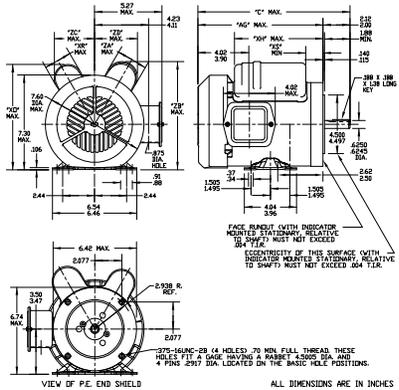
Nameplate Specifications

Phase	1	Output HP	1/2 Hp
Output KW	0.37 kW	Voltage	100-120/200-240 V
Speed	1725/1425 rpm	Service Factor	1.25
Frame	56C	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	Automatic	Ambient Temperature	40 °C
Frequency	60/50 Hz	Current	5.8-5.6/2.9-2.8 A
Power Factor	83	Duty	Continuous
Insulation Class	B	KVA Code	N
Drive End Bearing Size	6203	Opp Drive End Bearing Size	6203
UL	Recognized	CSA	Y
CE	N		

Technical Specifications

Electrical Type	Capacitor Start Capacitor Run	Starting Method	Across The Line
Poles	4	Rotation	Counterclockwise/Clockwise
Motor Orientation	Any	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	NEMA 56C	Shaft Diameter	0.625 in
Outline Drawing	52A107739P1	Connection Drawing	52A105383BA

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		UNLESS SPECIFIED		DRAWN MSP 10/15/98	
		DEC. INCHES		CHK	
		1:1		APPD MSP 11/13/98	
		XX 4.03		TITLE OUTLINE	
		SN XXX 8.005		SCALE 1	
11 UPDATED BASE AS PER ECR-0224925		PS 09/14/2003		REF	
10 ADDED PTR#9 PER SAMPLE DS12-5331		10/15/02		PMP	
NO REVISION		BY & DATE		PREV	
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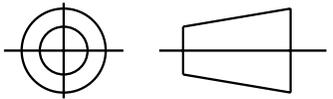
9	KCR	49	56CY	12.97	10.85	7.50	8.33	2.33	1.98	2.33	8.14	3.30	3.60	7.68
8	KCR	49	56CY	12.97	10.85	7.61	8.40	2.40	1.86	2.72	8.77	3.20	3.66	7.68
7	KCR	49	56C	14.28	12.16	8.17	8.40	2.40	2.35	2.40	8.40	3.38	3.38	8.99
6	KCR	48	56C	13.72	11.60	7.61	8.40	2.40	1.79	2.40	8.40	3.38	3.38	8.43
5	KC	49	56CY	12.44	10.32	7.54	8.18	2.15	1.79	1.60	7.72	3.20	2.97	7.15
4	KC	46	56CY	11.84	9.72	6.94	8.18	2.15	1.19	1.60	7.72	3.20	2.97	6.55
3	KCR	49	56CY	12.97	10.85	7.61	8.18	2.15	1.86	2.72	8.77	3.20	3.66	7.68
2	KCR	49	56CY	12.44	10.32	7.54	8.18	2.15	1.79	2.40	8.40	3.20	3.38	7.15
1	KCR	46	56CY	11.84	9.72	6.94	8.18	2.15	1.19	2.40	8.40	3.20	3.38	6.55
P	TYPE	GE	NEMA	"C"	"AG"	"XH"	"XO"	"XR"	"XS"	"ZA"	"ZB"	"ZC"	"ZD"	MIN. SHELL

		UNLESS SPECIFIED		DRAWN MSP 10/15/98	
		DEC. INCHES		CHK	
		1:1		APPD MSP 11/13/98	
		XX 4.03		TITLE OUTLINE	
		SN XXX 8.005		SCALE 1	
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SHEET 1
REV 7
52A105383BA
SIZE DRAWING NO.

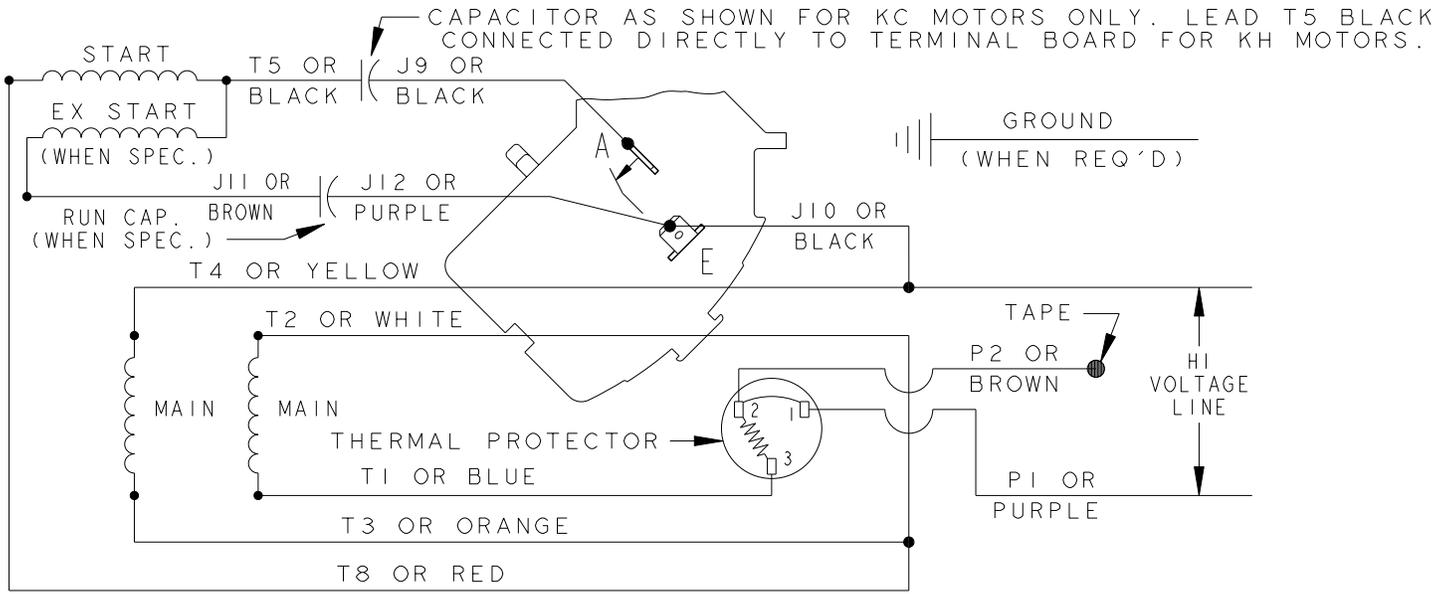
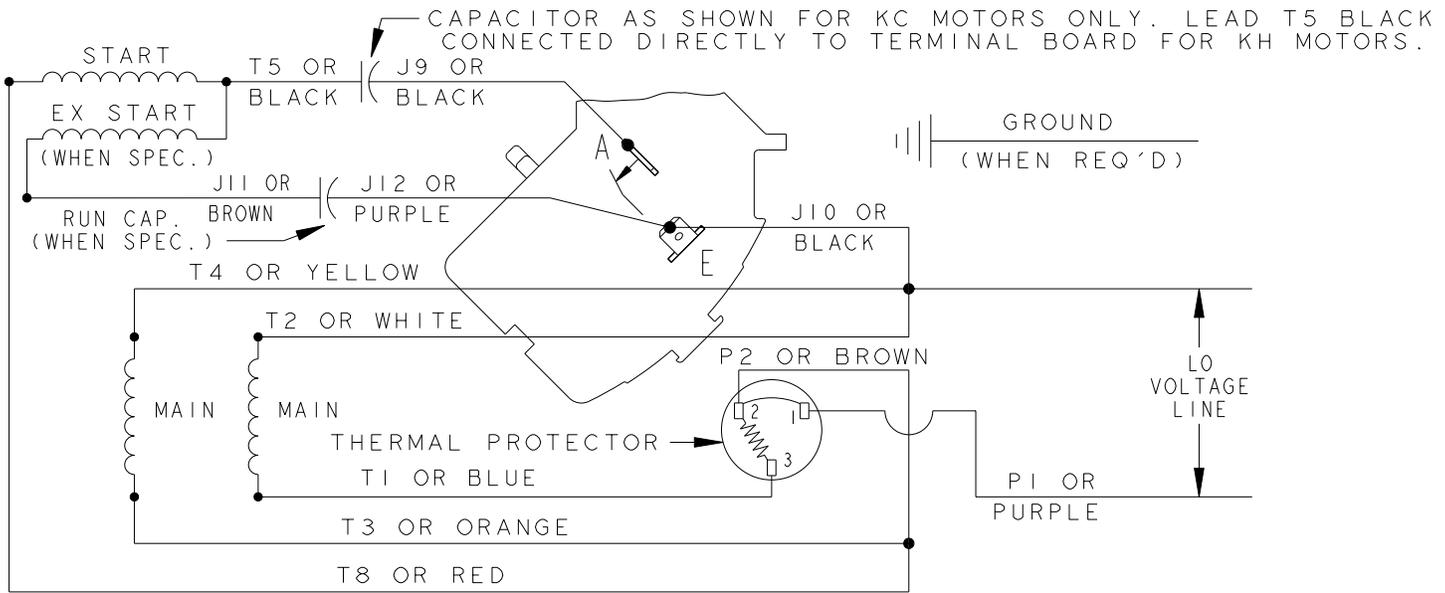
THIRD ANGLE PROJECTION



REVISIONS

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

CCW/CW ROTATION - DUAL VOLTAGE
TYPE KC , KH OR KCR - WITH THERMAL PROTECTOR



- NOTE#1 - TO REVERSE ROTATION, INTERCHANGE T8 RED AND J10 BLACK LEADS.
- NOTE#2 - WHEN MORE THAN ONE CAPACITOR IS USED, CONNECT IN PARALLEL.
- NOTE#3 - 115D958ABP5 - HIGH CURRENT CONTACTS.

SWITCH (C) - 115D958ABP5, SWITCH (H) - 115D958AA (USE 115D958DA FOR EP)

REF. DIAG. - 113A327, 119A9352 & 52A102102 CONNECTION LABEL - 52X332912

SIGNATURES		DATE	<p>REGAL-BELOIT CORPORATION</p>
MODEL	M.D.P.	06/29/87	
DETAIL	.	.	
CHECKED	.	.	
ENGRG	.	.	
TITLE			<p>CONNECTION DIAGRAM</p> <p>FMF: 30 FRAME SWITCH REDESIGN</p>
FOR ADDITIONAL INFO REFER TO:			
APPLIED PRACTICES	QUALITY	.	SIZE DRAWING
DIMENSIONS ARE IN INCHES ✓	ISSUED	M.D.P. 12/11/97	A
MATERIAL	SOLID MODEL: 52A105383BA		SCALE: 1.000
			REF. No: .
			<p>52A105383BA</p> <p>REV 7</p>
			SHEET 1 of 1

