PRODUCT INFORMATION PACKET

Model No: 5KCR49WN0270T
Catalog No: CG381
2 HP General Purpose Motor, 1 phase, 1800 RPM, 115/208-230 V, 56HZ Frame, ODP
Single Phase ODP Motors

Nameplate Specifications

Output HP	2 Hp	Output KW	1.5 kW
Frequency	60 Hz	Voltage	115/208-230 V
Current	22.0,10.9-11.0 A	Speed	1725 rpm
Service Factor	1.15	Phase	1
Efficiency	72 %	Power Factor	0
Duty	Continuous	Insulation Class	B
KVA Code	L	Frame	56HZ
Enclosure	Drip Proof	Thermal Protection	AUTO
Ambient Temperature	40 °C	Drive End Bearing Size	6205
Opp Drive End Bearing Size	6203	UL	Recognized
CSA	Yes	CE	N

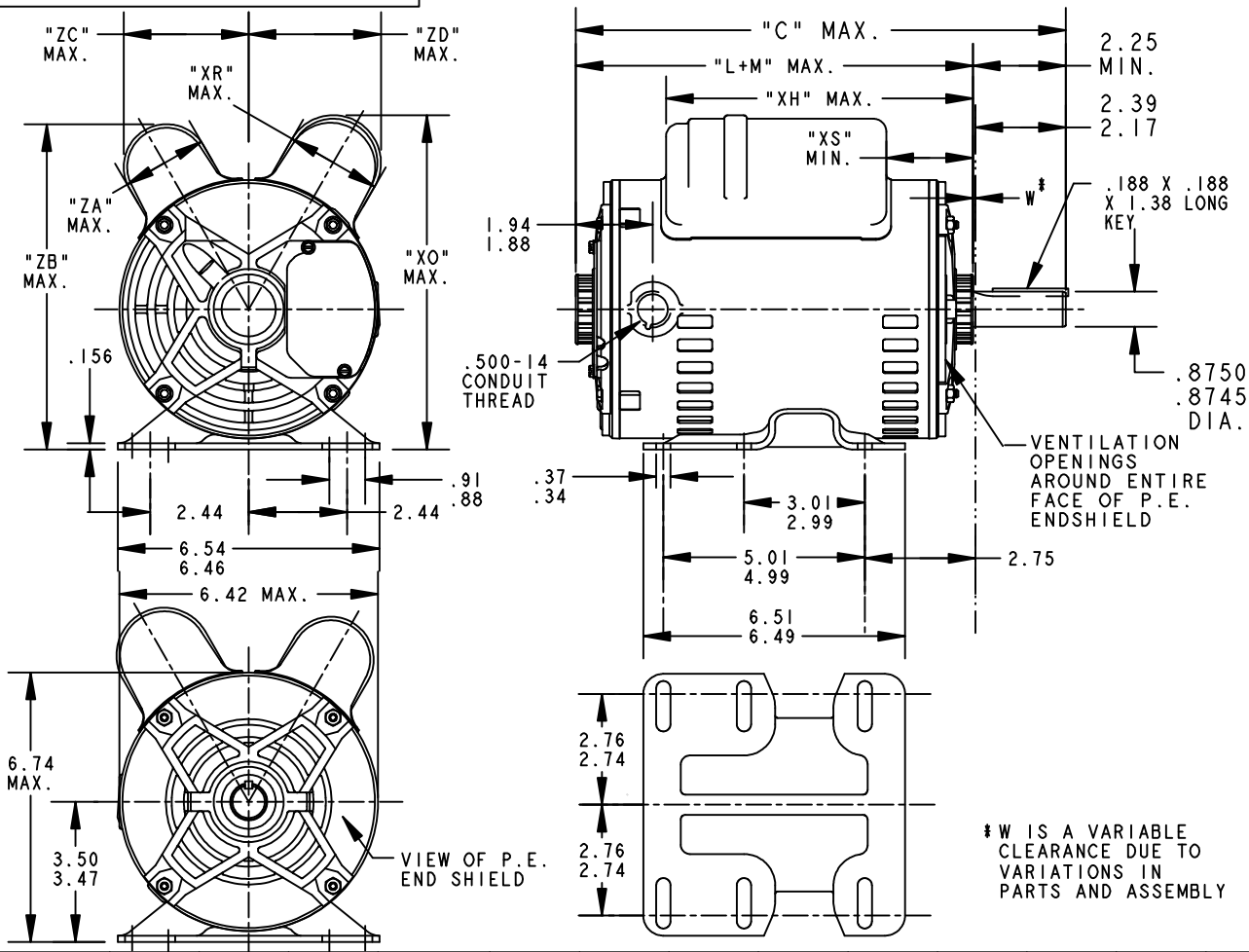
Technical Specifications

Electrical Type	Capacitor Start Capacitor Run	Starting Method	SM
Poles	4	Rotation	Counterclockwise/Clockwise
Mounting	Rigid Base	Motor Orientation	ANY
Drive End Bearing	BALL	Opp Drive End Bearing	Ball
Frame Material	Rolled Steel	Overall Length	14.33 in
Frame Length	9.63 in	Shaft Diameter	0.880 in
Shaft Extension	2.25 in		
Connection Drawing	52A105383AC	Outline Drawing	52A111881P1

SHEET 1 | REV 0 | DRAWING NO. 52A111881 | SIZE A

THIRD ANGLE PROJECTION

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
0	CREATED PER IS10 - 4907	11/15/10	KARTHIK



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

P	TYPE	RBC SIZE	NEMA FR	"C"	"L+M"	"XH"	"XO"	"XR"	"XS"	"ZA"	"ZB"	"ZC"	"ZD"	MIN. SHELL
9	KCR	49	56HZ	15.41	13.04	9.74	8.11	2.10	4.14	2.70	8.73	3.61	3.12	10.71
8	KCR	49	56HZ	15.41	13.04	9.74	8.11	2.10	4.14	2.10	8.11	3.12	3.12	10.71
7	KCR	49	56HZ	14.33	11.96	9.67	7.74	1.60	4.00	2.10	8.18	3.20	2.80	9.63
6	KCR	49	56HZ	15.41	13.04	9.74	8.39	2.40	4.05	2.40	8.39	3.33	3.33	10.71
5	KCR	49	56HZ	15.41	13.04	9.74	8.39	2.40	4.05	2.15	8.18	3.20	3.33	10.71
4	KCR	49	56HZ	14.33	11.96	9.41	8.33	2.40	3.67	2.10	8.28	3.27	3.33	9.63
3	KCR	49	56HZ	15.41	13.04	9.74	8.39	2.40	4.05	2.15	8.18	3.20	3.33	10.71
2	KCR	49	56HZ	15.41	13.04	9.74	7.81	1.60	4.05	2.15	8.18	3.20	2.86	10.71
1	KCR	49	56HZ	14.33	11.96	9.67	8.39	2.40	4.00	2.15	8.18	3.20	3.33	9.63

SIGNATURES		DATE
MODEL	-	-
DETAIL	KARTHIK	11/15/10
CHECKED	.	.
ENGRG	.	.
MFG	.	.
QUALITY	.	.
ISSUED	DURGA	11/15/10
SOLID MODEL: 52A111881		

FOR ADDITIONAL INFO REFER TO:
APPLIED PRACTICES .
DIMENSIONS ARE IN INCHES ✓
MATERIAL .

REGAL-BELOIT CORPORATION

TITLE

OUTLINE

40 FRAME REDESIGN - GENERAL PURPOSE NOTOR - DRIP PROOF - BALL BEARING - WELDED BASE

SIZE	DRAWING	REV
A	52A111881	0

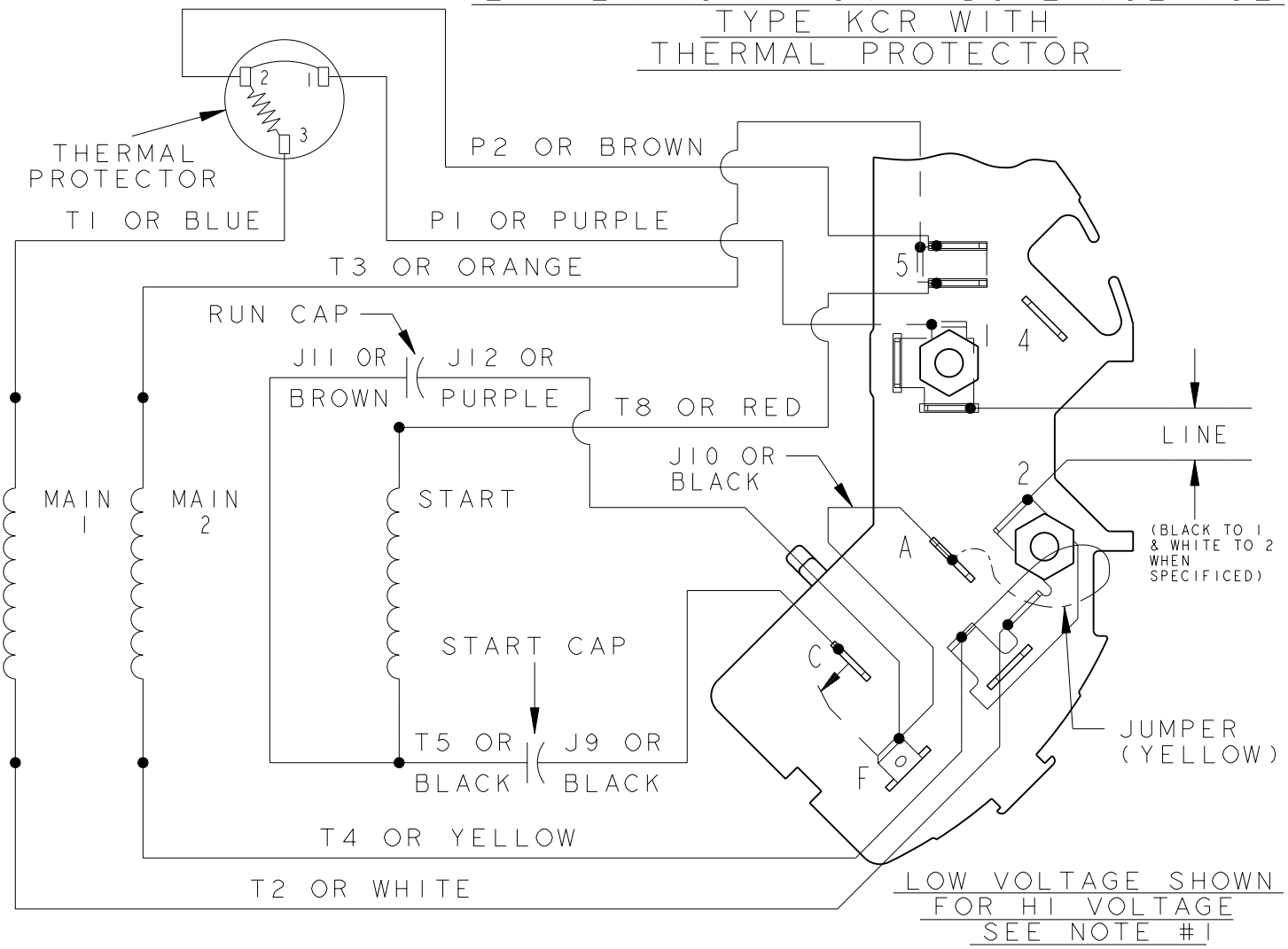
SCALE: 1.000 | REF. No: . | SHEET 1 OF 1

SHEET 1 | REV 4 | SIZE | DRAWING NO. 52A105383AC

THIRD ANGLE PROJECTION

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
4	ADDED NOTE FOR LINE LEAD PER DS09-1045	07/15/09	ARCHANA

EITHER ROTATION - DUAL VOLTAGE TYPE KCR WITH THERMAL PROTECTOR



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.

SWITCH - 115D958AC

REF. DIAG. - NONE

CONNECTION LABEL - 52X332051

SIGNATURES		DATE
MODEL	M.D.PAPE	03/03/88
DETAIL	.	.
CHECKED	.	.
ENGRG	.	.
MFG	.	.
QUALITY	.	.
ISSUED	M.D.P.	03/03/88

FOR ADDITIONAL INFO REFER TO:
APPLIED PRACTICES .
DIMENSIONS ARE IN INCHES
MATERIAL .

SOLID MODEL: 52A105383AC

REGAL BELOIT — REGAL-BELOIT CORPORATION

TITLE **CONNECTION DIAGRAM**

.

FMF: 30 FRAME SWITCH REDESIGN

SIZE	DRAWING	REV
A	52A105383AC	4

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

4 of 4