

PRODUCT INFORMATION PACKET



Model No: 5KCR49ZN0785S

Catalog No: C1909

General Purpose Farm Duty Motor, 1.5 HP, 1 Ph, 60/50 Hz, 115/208-230 V, 56 Frame, TENV



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Nameplate Specifications

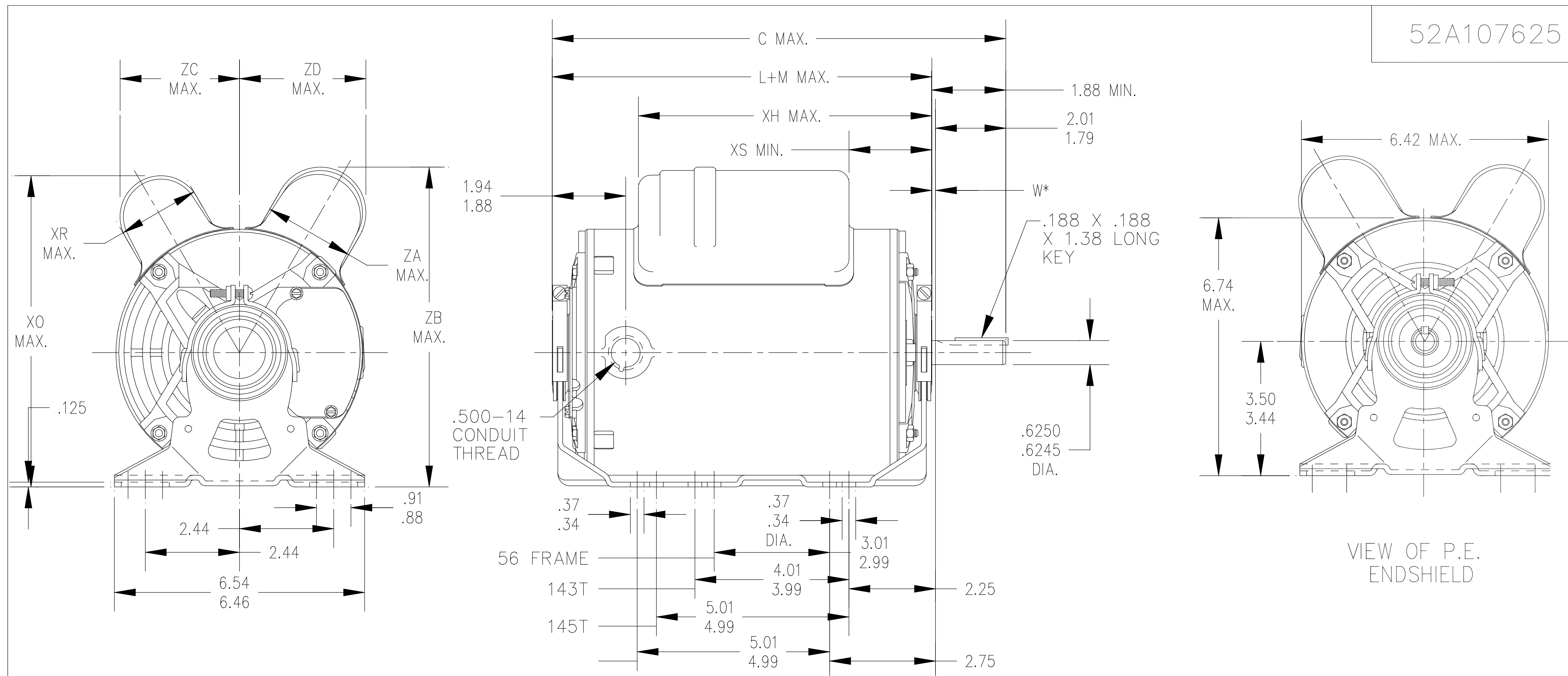
Phase	1	Output HP	1.5 Hp
Output KW	1.1 kW	Voltage	115/208-230 V
Speed	1725 rpm	Service Factor	1.3
Frame	56	Enclosure	Totally Enclosed Non Ventilated
Thermal Protection	Automatic	Ambient Temperature	40 °C
Frequency	60/50 Hz	Current	14.0/7.2-7.0 A
Power Factor	0	Duty	Continuous
Insulation Class	B	KVA Code	K
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	Selective Counterclockwise
Motor Orientation	Any	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	NEMA 56	Shaft Diameter	0.625 in
Outline Drawing	52A107625P7	Connection Drawing	52A105383AB

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52A107625



VIEW OF P.E. ENDSHIELD

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

7	KCR	49	56H	13.96	11.96	10.15	8.18	2.15	2.01	1.60	7.63	3.20	3.16	9.63
6	KCR	49	56H	13.96	11.96	8.30	8.16	2.10	2.63	2.40	8.39	3.14	3.33	9.63
5	KCR	49	56H	13.96	11.96	9.67	8.16	2.10	4.00	2.40	8.39	3.14	3.33	9.63
4	KCR	48	56H	12.66	10.76	7.76	8.18	2.15	2.01	2.40	8.40	3.20	3.38	8.43
3	KCR	48	56H	12.66	10.76	7.76	8.18	2.15	2.01	2.72	8.77	3.20	3.68	8.43
2	KCR	49	56H	11.91	10.01	7.76	8.18	2.15	2.01	1.60	7.81	3.20	3.07	7.68
1	KCR	49	56H	11.91	10.01	7.76	8.18	2.15	2.01	2.40	8.40	3.20	3.38	7.68
P	TYPE	GE SIZE	NEMA FR	C	L+M	XH	XO	XR	XS	ZA	ZB	ZC	ZD	MIN. SHELL

				TOLERANCES UNLESS SPECIFIED		REGAL-BELOIT CORPORATION				DRAWN KK 06/18/15			
				DEC.	INCHES					CHK			
				.X	±0.1	TITLE DP- RESIL BASE - BALL -40 FR				APPD KK 06/18/15			
				.XX	±0.02					SCALE 1=1			
				.XXX	±0.005					REF XXXXXXXX			
9	ADDED PART #7 PER DS05-1253			RJ 11/10/15	.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			52A107625		SIZE	DRAWING NO.		REV.
				DIST				A	52A107625				

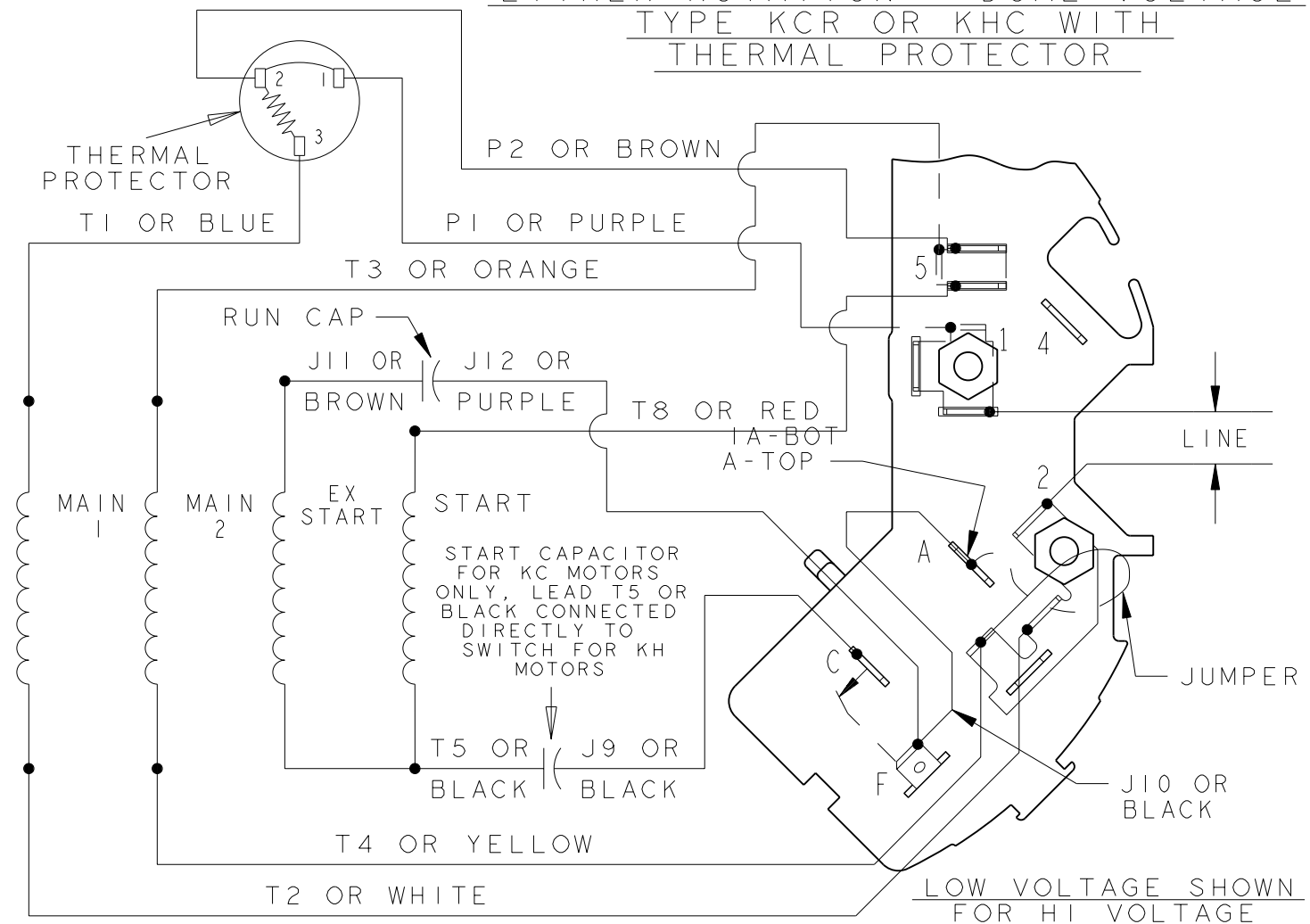
SHEET —	THIRD ANGLE PROJECTION		REVISIONS		
			REV.	DESCRIPTION	DATE

REV 3

52A105383AB

SIZE DRAWING NO.

EITHER ROTATION - DUAL VOLTAGE
TYPE KCR OR KHC 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. - 119A9479

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

52A105383AB

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