

PRODUCT INFORMATION PACKET

marathon®
Motors

Model No: 5KCR49ZN0785S
Catalog No: C1909
1 1/2, 1725, TENV, 56, 1/60/115/208-230
Single Phase



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REGAL

Nameplate Specifications

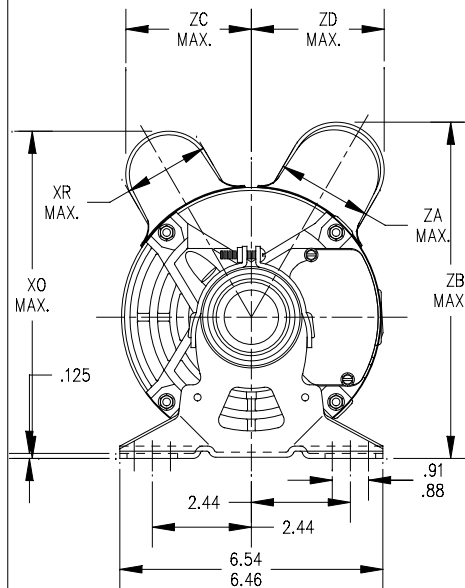
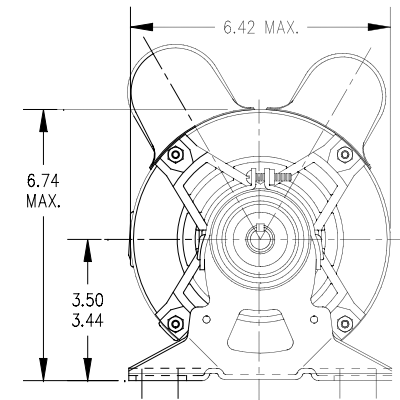
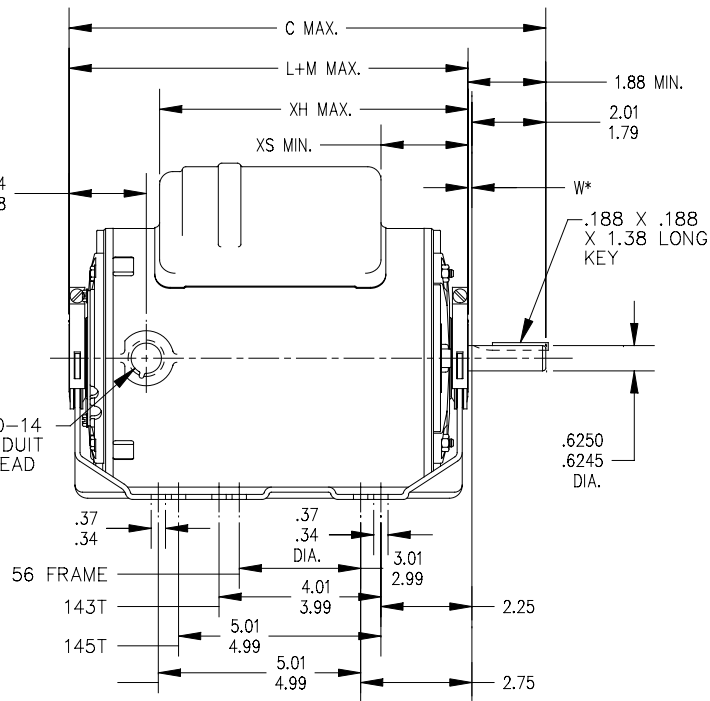
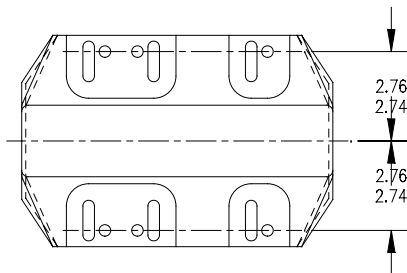
Output HP	1.50 Hp	Output KW	1.1 kW
Frequency	60 Hz	Voltage	115/208-230 V
Current	14.0,7.2-7.0 A	Speed	1725 rpm
Service Factor	1.3	Phase	1
Efficiency	78.5 %	Duty	Continuous
Insulation Class	B	KVA Code	K
Frame	56	Enclosure	Totally Enclosed Non Ventilated
Overload Protector	AUTO	Ambient Temperature	40 °C
Drive End Bearing Size	6203	Opp Drive End Bearing Size	6203
UL	Recognized	CSA	Yes
CE	N		

Technical Specifications

Electrical Type	Capacitor Start Capacitor Run(CSCR)	Starting Method	SM
Poles	4	Rotation	Selective Counterclockwise
Mounting	Resilient Base	Motor Orientation	Any
Drive End Bearing	BALL	Opp Drive End Bearing	BALL
Frame Material	Rolled Steel	Overall Length	13.96 in
Frame Length	9.63 in	Shaft Diameter	0.630 in
Shaft Extension	1.88 in		
Outline Drawing	52A107625P7	Connection Diagram	52A105383AB

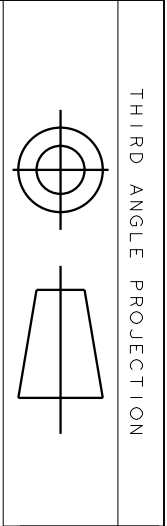
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52A107625

.500-14
CONDUIT
THREAD1.94
1.88VIEW OF P.E.
ENDSHIELDW* IS A VARIABLE CLEARANCE DUE TO
VARIATIONS IN PARTS AND ASSEMBLY.

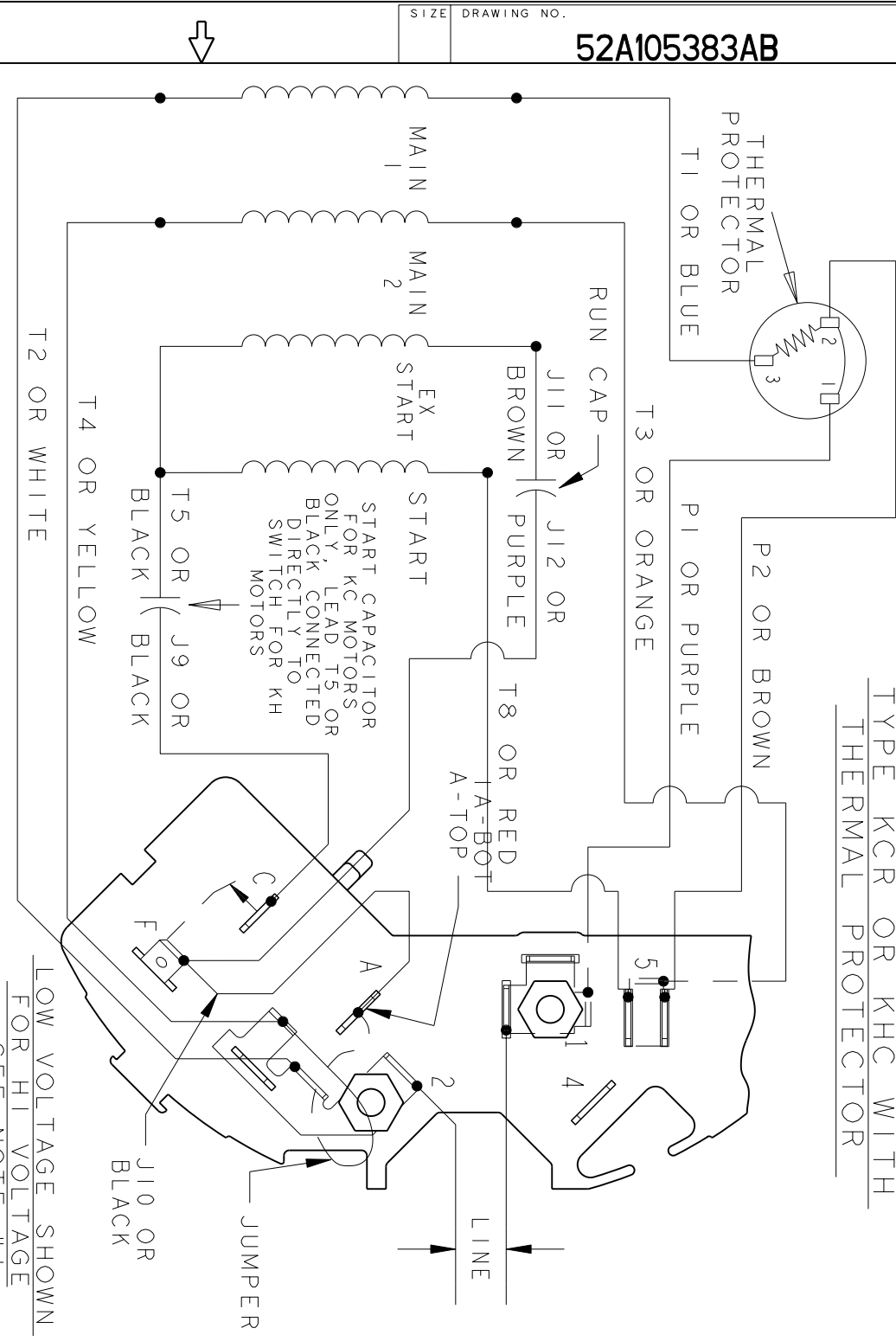
7	KCR	49	56H	13.96	11.96	10.15	8.18	2.15	2.01	1.60	7.63	3.20	3.16	9.63
6	KCR	49	56H	13.96	11.96	8.30	8.16	2.10	2.63	2.40	8.39	3.14	3.33	9.63
5	KCR	49	56H	13.96	11.96	9.67	8.16	2.10	4.00	2.40	8.39	3.14	3.33	9.63
4	KCR	48	56H	12.66	10.76	7.76	8.18	2.15	2.01	2.40	8.40	3.20	3.38	8.43
3	KCR	48	56H	12.66	10.76	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		APPD KK 06/18/15	
			.XX	±0.02		SCALE 1=1	
			.XXX	±0.005	OUTLINE DP- RESIL BASE - BALL -40 FR	REF XXXXXXXX	
9	ADDED PART #7 PER DS05-1253	RJ 11/10/15	.XXXX	±0.0005		FMF	
NO.	REVISION	BY & DATE	CHK	ANG	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 A	DRAWING NO. 52A107625
			DIST				REV.



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

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



REGAL-BELOMT CORPORATION

CONNECTION DIAGRAM

FMF: 30 FRAME SWITCH REDESIGN

52A105383AB

REV 3

SCALE: 1.000 REF. No. .

SHEET 1 of 1