

PRODUCT INFORMATION PACKET

marathon®
Motors

Model No: 5KCR49SN0042S
Catalog No: C1302
1,1725/1425,TENV,56,1/60/115/208-230
Single Phase



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REGAL

Nameplate Specifications

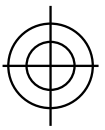
Output HP	1 Hp	Output KW	0.75 kW
Frequency	60 Hz	Voltage	115/208-230 V
Current	9.6,5.2-4.8 A	Speed	1725 rpm
Service Factor	1.3	Phase	1
Efficiency	77 %	Duty	Continuous
Insulation Class	B	KVA Code	H
Frame	56	Enclosure	Totally Enclosed Non Ventilated
Overload Protector	AUTO	Ambient Temperature	40 °C
Drive 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	11.9 in
Frame Length	7.68 in	Shaft Diameter	0.630 in
Shaft Extension	1.88 in		
Outline Drawing	52A107710P1	Connection Diagram	52A105383AC

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THIRD ANGLE PROJECTION

REVISIONS

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

REV

4

SHEET

EITHER ROTATION - DUAL VOLTAGE
TYPE KCR WITH
THERMAL PROTECTOR

THERMAL
PROTECTOR

T1 OR BLUE

T3 OR ORANGE

P1 OR PURPLE

P2 OR BROWN

RUN CAP

J11 OR BROWN

J12 OR PURPLE

T8 OR RED

MAIN 1

MAIN 2

START

START CAP

T5 OR BLACK

J9 OR BLACK

T4 OR YELLOW

T2 OR WHITE

LINE

(BLACK TO 1
& WHITE TO 2
WHEN
SPECIFIED)JUMPER
(YELLOW)

LOW VOLTAGE SHOWN
FOR HI VOLTAGE
SEE NOTE #1

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



REGAL-BELOIT CORPORATION

TITLE
CONNECTION DIAGRAM

FMF: 30 FRAME SWITCH REDESIGN

SIGNATURES	DATE
MODEL	M.D. PAPE 03/03/88
DETAIL	.
CHECKED	.
ENGRG	.
MFG	.
FOR ADDITIONAL INFO REFER TO:	
APPLIED PRACTICES	QUALITY
DIMENSIONS ARE IN INCHES	ISSUED
MATERIAL	SOLID MODEL: 52A105383AC

SIZE	DRAWING	REV
A		4