

PRODUCT INFORMATION PACKET

Model No: 5KCR46JN0087X

Catalog No: E257

1/3 HP General Purpose Motor, 1 phase, 1800 RPM, 100-120/200-240 V, 56C Frame, TEFC
Single Phase TEFC Motors



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REGAL



Nameplate Specifications

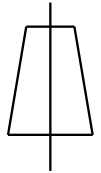
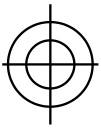
Output HP	0.33 Hp	Output KW	0.25 kW
Frequency	60 Hz	Voltage	100-120/200-240 V
Current	4.0-3.8,2.0-1.9 A	Speed	1725/1425 rpm
Service Factor	1.35	Phase	1
Efficiency	70.2 %	Power Factor	0
Duty	Continuous	Insulation Class	B
KVA Code	R	Frame	56C
Enclosure	Totally Enclosed Fan Cooled	Thermal Protection	AUTO
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	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	11.84 in
Frame Length	6.55 in	Shaft Diameter	0.630 in
Shaft Extension	1.88 in		
Connection Drawing	52A105383BA	Outline Drawing	52A107739P1

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THIRD ANGLE PROJECTION



REVISIONS

REV.	DESCRIPTION	DATE	APPROVED
9	ADDED PT#8 PER PROD. IS11-5707	12/05/11	KARTHIK
10	ADDED PT#9 PER SAMPLE DS12-5331	12/15/12	RAJESH

SHEET 2

REV 10

52A107739

DRAWING NO.

SIZE A

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 SIZE	NEMA FR.	"C"	"AG"	"XH"	"XO"	"XR"	"XS"	"ZA"	"ZB"	"ZC"	"ZD"	MIN. SHELL

SIGNATURES DATE

MODEL M.D.PAPE 10/15/91

DETAIL

CHECKED

ENGRG

FOR ADDITIONAL INFO REFER TO: MFG

APPLIED PRACTICES QUALITY

DIMENSIONS ARE IN INCHES ISSUED M.D.PAPE 11/13/98

MATERIAL SOLID MODEL: 52A107739



REGAL-BELOTT CORPORATION

TITLE

OUTLINE

GENERAL PURPOSE MOTOR TEFC - BALL BEARING

WELDED BASE R2 END MOUNTED FMF - 40 FRAME REDESIGN (5KCR46MM0055X)

SIZE DRAWING A

52A107739

REV 10

SCALE: 0.250 REF. No:

SHEET 2 of 2

