

PRODUCT INFORMATION PACKET

Model No: 5KCR49TN2164T

Catalog No: C878

2 HP General Purpose Pump Motor, 1 phase, 3600 RPM, 115/230 V, 56J Frame, TEFC
General Purpose Pump Single Phase Motors



Nameplate Specifications

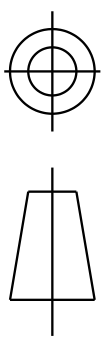
Output HP	2 Hp	Output KW	1.5 kW
Frequency	60 Hz	Voltage	115/230 V
Current	17.8,8.9 A	Speed	3450 rpm
Service Factor	1	Phase	1
Efficiency	83.3 %	Power Factor	0
Duty	Continuous	Insulation Class	B
Design Code	-	KVA Code	G
Frame	56J	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	AUTO	Ambient Temperature	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	2	Rotation	Clockwise
Mounting	Round	Motor Orientation	ANY
Drive End Bearing	LOCKED	Opp Drive End Bearing	Ball
Frame Material	Rolled Steel	Overall Length	14.79 in
Frame Length	8.99 in	Shaft Diameter	0.630 in
Shaft Extension	2.39 in		
Connection Drawing	52A105384BA	Outline Drawing	52A107698P2

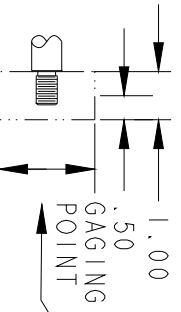
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THIRD ANGLE PROJECTION

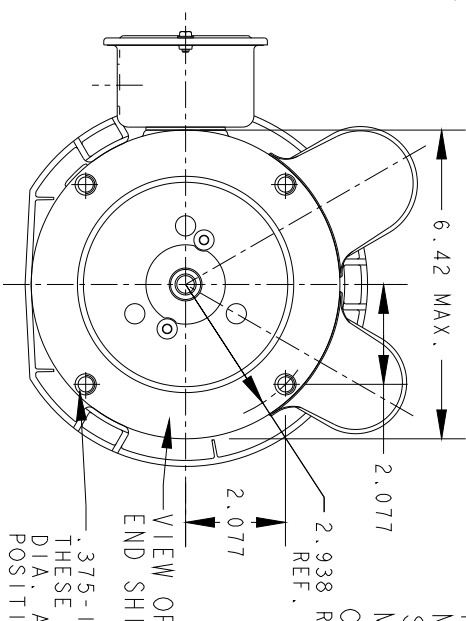
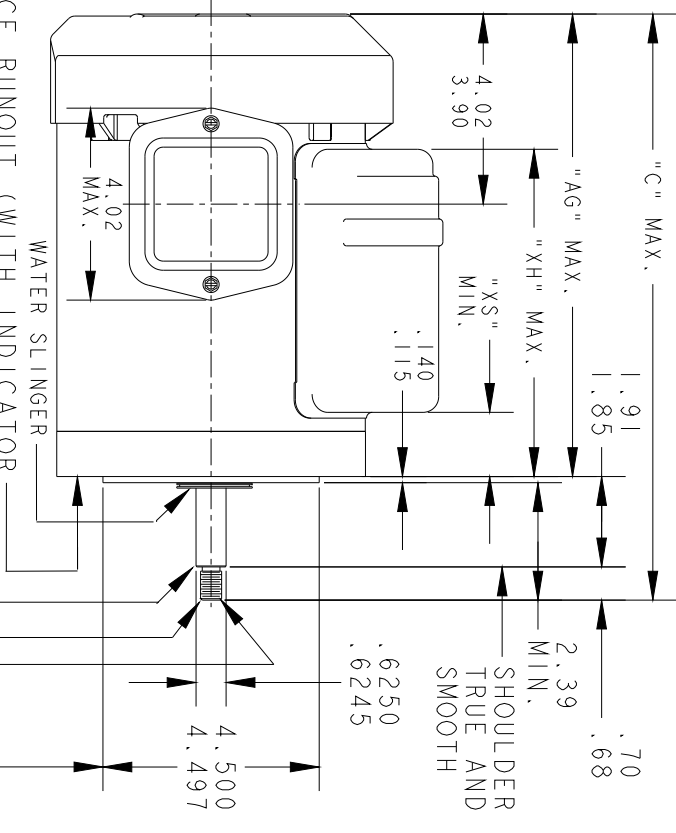
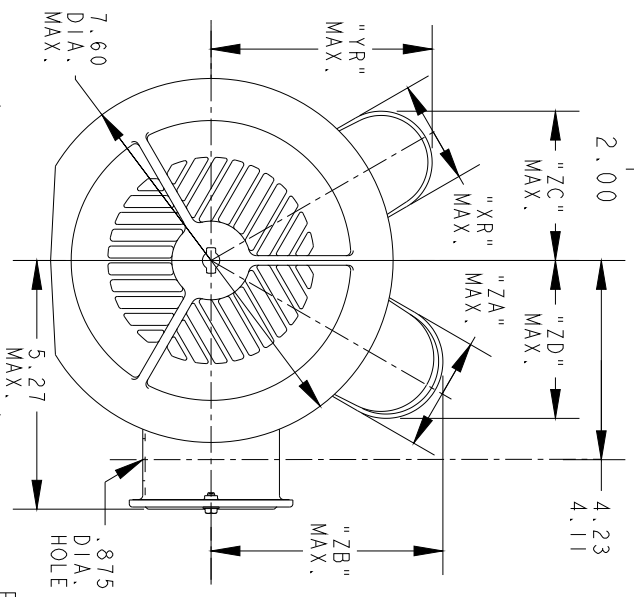


REVISIONS

REV.	DESCRIPTION	DATE	APPROVED
7	WATER SLINGER ADDED AS PER IS11-5119	11/09/11	KOTI



ECCENTRICITY OF THREADED PORTION OF SHAFT IS HELD WITHIN .004 GAGE READING WITH THE GROUND RING GAGE AS SHOWN, THE GAGE BEING STATIONARY WITH RESPECT TO THE ROTOR.



FACE RUNOUT (WITH INDICATOR MOUNTED STATIONARY RELATIVE TO SHAFT) MUST NOT EXCEED .004 T.I.R. MATING PARTS SHOULD BE RELIEVED ONE THREAD TO CLEAR FILLET.
 CHAMFER .35-.38 DIA. X 80° -120°
 ECCENTRICITY OF THIS SURFACE (WITH INDICATOR MOUNTED STATIONARY RELATIVE TO SHAFT) MUST NOT EXCEED .004 T.I.R. MUST NOT EXCEED .004 T.I.R.

ALL DIMENSIONS ARE IN INCHES

2	KCR	49	56J	14.79	12.16	8.63	4.68	2.15	2.88	2.40	4.90	3.20	3.38	8.99
1	KCR	49	56J	13.48	10.85	8.07	4.68	2.15	2.32	2.40	4.90	3.20	3.38	7.68
P	TYPE	GE SIZE	NEMA FR.	"C"	"AG"	"XH"	"YR"	"XR"	"XS"	"ZA"	"ZB"	"ZC"	"ZD"	MIN. SHELL

SIGNATURES

MODEL	M.D.PAPE	DATE
DETAIL	.	.
CHECKED	.	.
ENGRG	.	.
MFG	.	.
QUALITY	.	.
ISSUED	M.D.PAPE	06/07/94



REGAL-BELOIT CORPORATION

OUTLINE

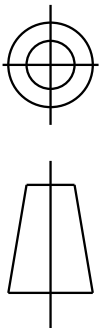
JET PUMP MOTOR TEFC - BALL BEARING
 R2 END MOUNTED FME - 40 FRAME REDESIGN

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

SCALE: 0.250 REF. No.:
 SIZE: DRAWING A
 52A107698

MATERIAL: SOLID MODEL: 52A107698
 SHEET 1 of 1

THIRD ANGLE PROJECTION

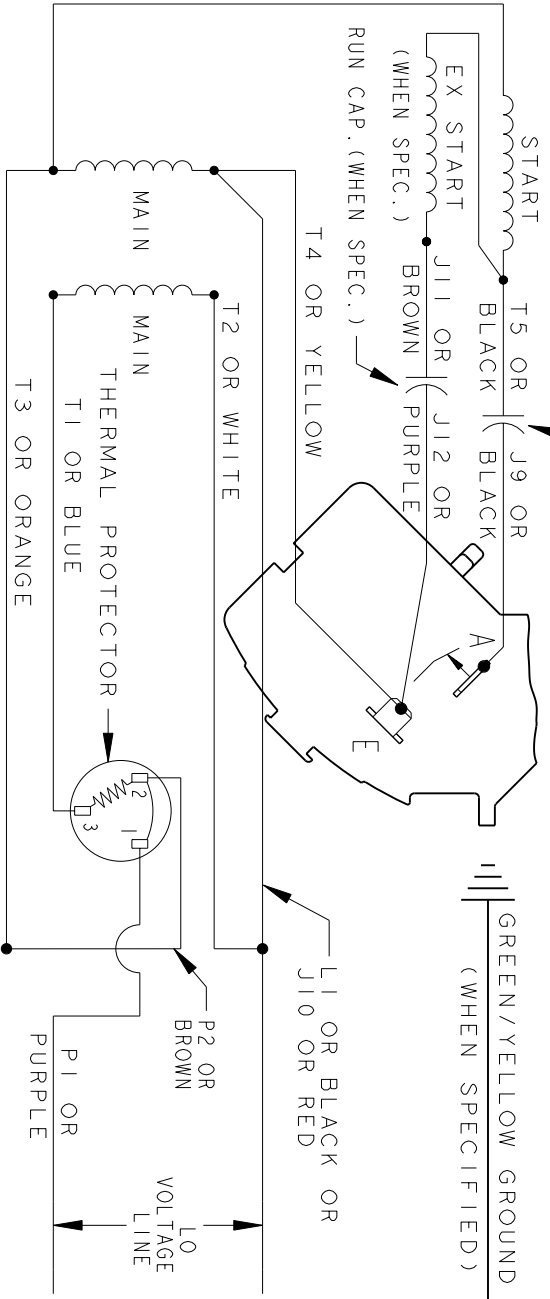


REVISIONS

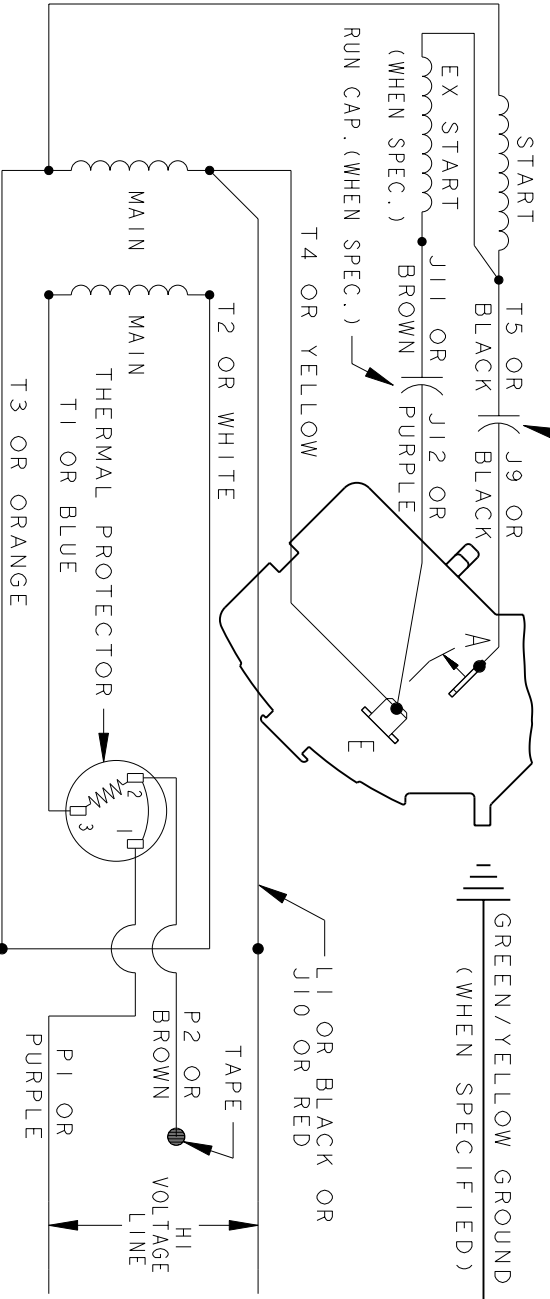
REV.	DESCRIPTION	DATE	APPROVED
3	UPDATED FORMAT	01/06/06	MAM

SET ROTATION - DUAL VOLTAGE
TYPE KC, KH OR KCR - WITH THERMAL PROTECTOR

CAPACITOR AS SHOWN FOR KC MOTORS ONLY. LEAD T5 BLACK CONNECTED DIRECTLY TO TERMINAL BOARD FOR KH MOTORS.



CAPACITOR AS SHOWN FOR KC MOTORS ONLY. LEAD T5 BLACK CONNECTED DIRECTLY TO TERMINAL BOARD FOR KH MOTORS.



NOTE#1 - WHEN MORE THAN ONE CAPACITOR IS USED, CONNECT IN PARALLEL.

SWITCH (H) - 115D958AA

REF. DIAG. - 119A9383 & 52A100970

CONNECTION LABEL - NP231973

SIGNATURES	DATE
MODEL M.D.P.	05/03/88
DETAIL	.
CHECKED	.
ENGRG	.
MFG	.
QUALITY	.
ISSUED	M.D.P. 02/18/93
APPLIED PRACTICES	✓
DIMENSIONS ARE IN INCHES	
MATERIAL	SOLID MODEL: 52A105384BA



REGAL-BELOIT CORPORATION

CONNECTION DIAGRAM

FME: 5KC36LNI69GX

52A105384BA

REV 3

SCALE: 1.000 REF. No.: .

SHEET 1 of 1