

PRODUCT INFORMATION PACKET

marathon®
Motors

Model No: 5KC42GN0066

Catalog No: C375

1/2 HP General Purpose Motor, 1 phase, 1800 RPM, 115/230 V, 56C Frame, TEFC
General Purpose Motors



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RegalRexnord

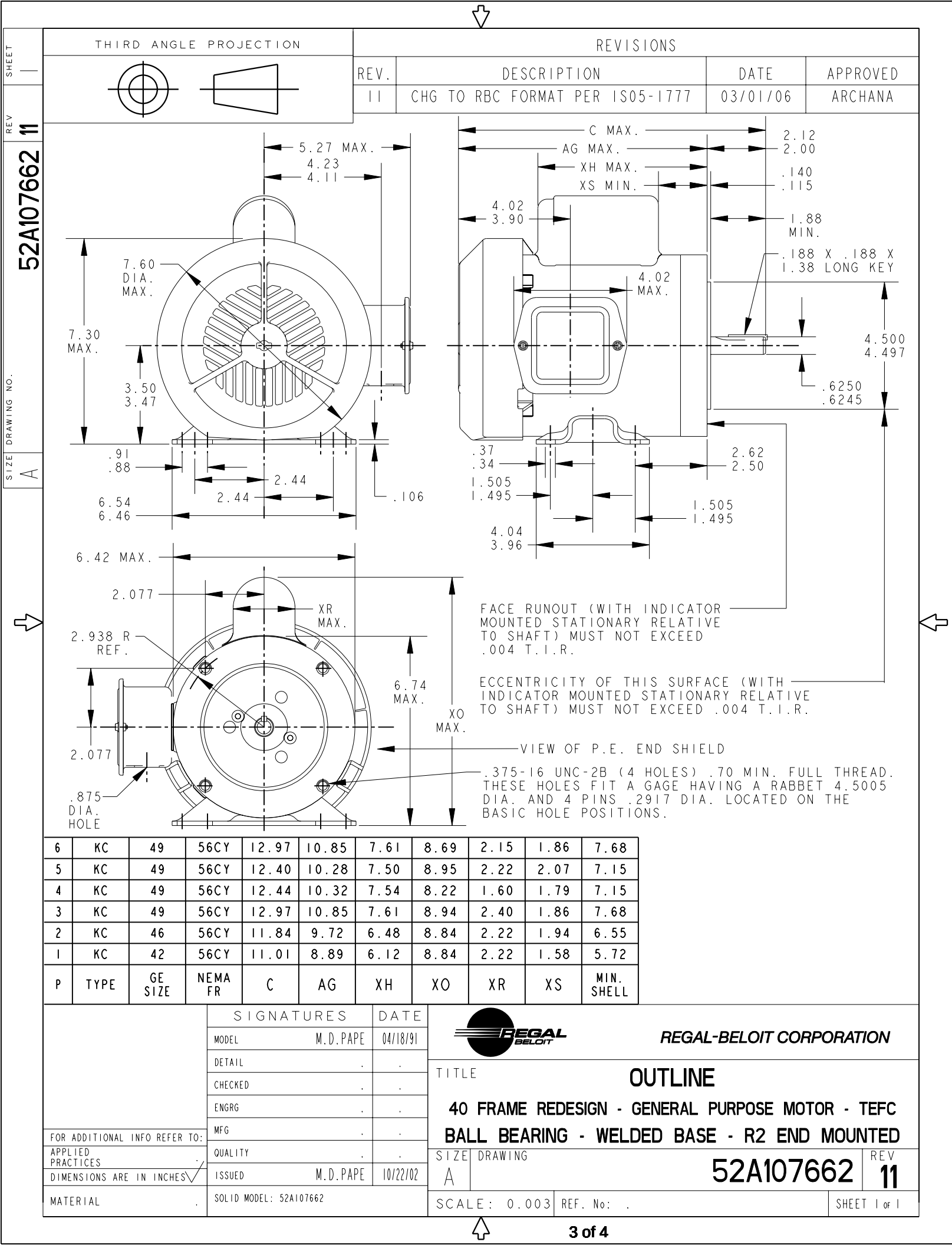
Nameplate Specifications

Output HP	0.50 Hp	Output KW	0.37 kW
Frequency	60 Hz	Voltage	115/230 V
Current	8.6,4.3 A	Speed	1725 rpm
Service Factor	1.15	Phase	1
Efficiency	64 %	Power Factor	0
Duty	Continuous	Insulation Class	B
KVA Code	M	Frame	56C
Enclosure	Totally Enclosed Fan Cooled	Thermal Protection	N/R
Ambient Temperature	40 °C	Drive End Bearing Size	6203
Opp Drive End Bearing Size	6203	UL	Recognized
CSA	Yes	CE	N
IP Code	43	Number of Speeds	1

Technical Specifications

Electrical Type	Capacitor Start Induction Run	Starting Method	SM
Poles	4	Rotation	Counterclockwise/Clockwise
Mounting	Rigid Base	Motor Orientation	ANY
Drive End Bearing	LOCKED	Opp Drive End Bearing	Ball
Frame Material	Rolled Steel	Overall Length	11 in
Frame Length	5.72 in	Shaft Diameter	0.630 in
Shaft Extension	1.88 in		
Outline Drawing	52A107662P1	Connection Drawing	52A105381BA

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THIRD ANGLE PROJECTION

REV. 3

52A105381BA

REVISIONS

REV.	DESCRIPTION	DATE	APPROVED
3	UPDATED FORMAT	01/04/06	MAM

CCW/CW ROTATION - DUAL VOLTAGE

TYPE KC OR KH

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

START

T5 OR BLACK

J9 OR BLACK

GROUND (WHEN REQ'D)

T4 OR YELLOW

T2 OR WHITE

MAIN

T1 OR BLUE

T3 OR ORANGE

T8 OR RED

J10 OR BLACK

LO VOLTAGE LINE

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

START

T5 OR BLACK

J9 OR BLACK

GROUND (WHEN REQ'D)

T4 OR YELLOW

T2 OR WHITE

MAIN

T1 OR BLUE

T3 OR ORANGE

T8 OR RED

J10 OR BLACK

HI VOLTAGE LINE

NOTE#1 - TO REVERSE ROTATION, INTERCHANGE T8 RED AND J10 BLACK LEADS.

NOTE#2 - WHEN MORE THAN ONE CAPACITOR IS USED, CONNECT IN PARALLEL.

REF. DIAG. - 113A326

SWITCH (H) - 115D958AA

CONNECTION LABEL - 52X332917

SIGNATURES

DATE

MODEL M.D. PAPE 06/29/87

DETAIL . .

CHECKED . .

ENGRG . .

MFG . .

QUALITY . .

ISSUED M.D.P. 06/29/87

SOLID MODEL: 52A105381BA

REGAL BELOIT

REGAL-BELOIT CORPORATION

TITLE

CONNECTION DIAGRAM

FMF: 30 FRAME SWITCH REDESIGN

SIZE A

DRAWING

52A105381BA

SCALE: 1.000

REF. No: .

SHEET 1 of 1

FOR ADDITIONAL INFO REFER TO:

APPLIED PRACTICES

DIMENSIONS ARE IN INCHES

MATERIAL

REV 3

4 of 4