

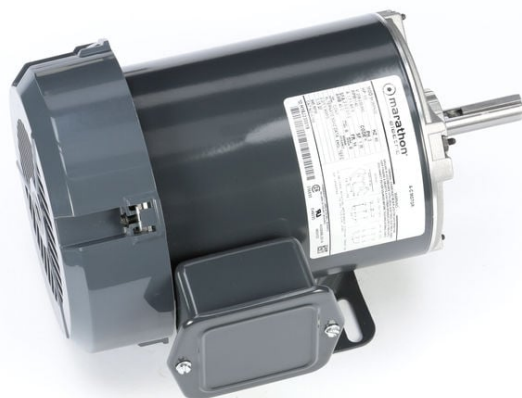
# PRODUCT INFORMATION PACKET

**marathon®**  
Motors

Model No: 5K36PN30

Catalog No: K155

General Purpose Motor, 0.33 HP, 3 Ph, 60 Hz, 208-230/460 V, 1200 RPM, 56 Frame, TEFC



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**RegalRexnord**

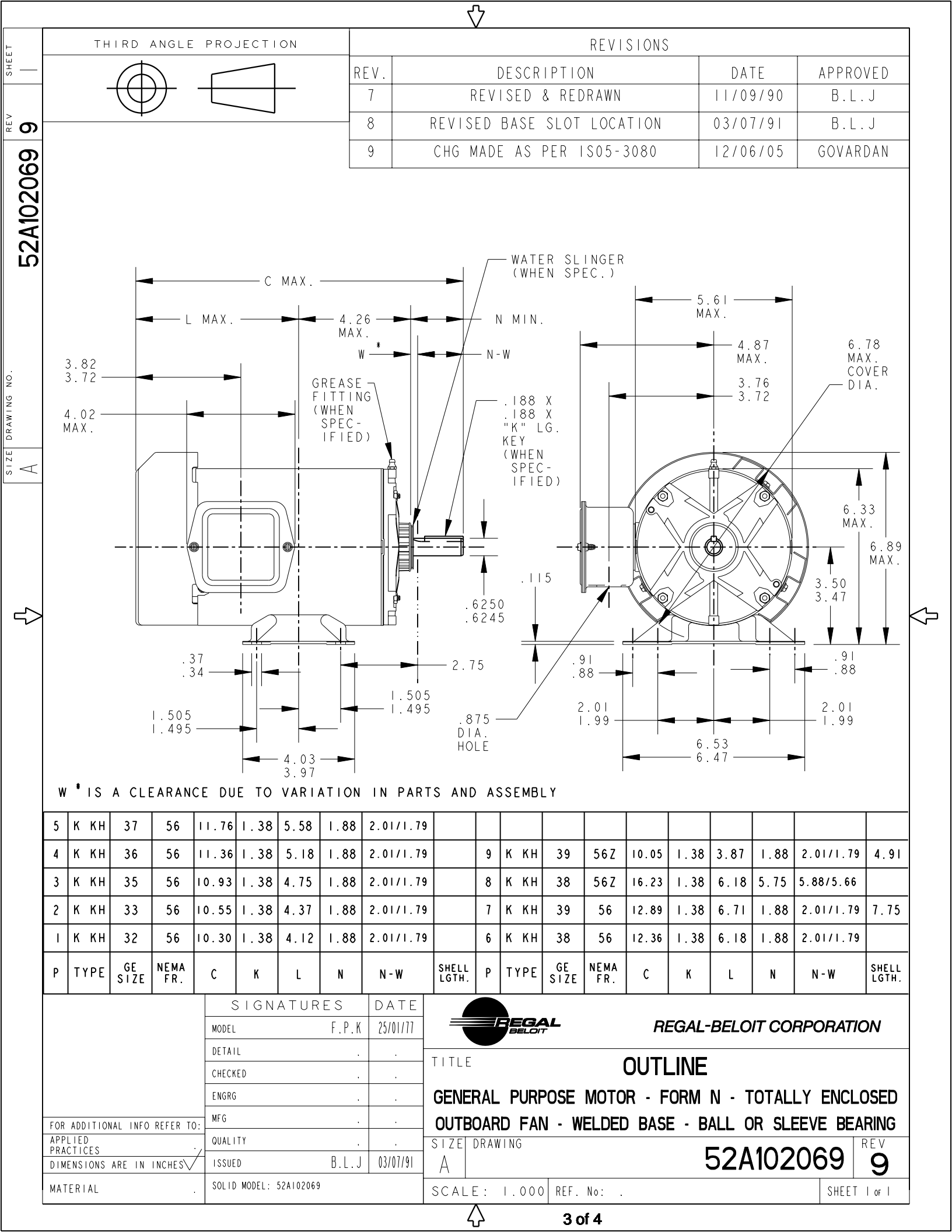
### Nameplate Specifications

Output HP	0.33 Hp	Output KW	0.25 kW
Frequency	60 Hz	Voltage	208-230/460 V
Current	1.7-1.8,0.9 A	Speed	1140 rpm
Service Factor	1.35	Phase	3
Efficiency	67.3 %	Power Factor	0
Duty	Continuous	Insulation Class	B
Design Code	B	KVA Code	K
Frame	56	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Ambient Temperature	40 °C
Drive End Bearing Size	6203	Opp Drive End Bearing Size	6203
UL	Recognized	CSA	Yes
CE	N	Number of Speeds	1

### Technical Specifications

Electrical Type	Three Phase	Starting Method	N/R
Poles	6	Rotation	Counterclockwise/Clockwise
Mounting	Rigid Base	Motor Orientation	ANY
Drive End Bearing	BALL	Opp Drive End Bearing	Ball
Frame Material	Rolled Steel	Overall Length	11.4 in
Frame Length	6.22 in	Shaft Diameter	0.630 in
Shaft Extension	1.88 in		
Connection Drawing	113A930FIG2	Outline Drawing	52A102069P4

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113A930FIG2 2

REV 2

SIZE A

DRAWING NO.

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THIRD ANGLE PROJECTION

REVISIONS

REV.	DESCRIPTION	DATE	APPROVED
1	CHG TO RBC FORMAT PER ISO5-1777	06/15/06	MADHU
2	RENAMED 113A930_FIG_2 TO 113A930FIG2 PER ISO7-0972	05/08/07	MADHU

FIG. 2

3 PHASE

	VOLTS	L1	L2	L3	TOGETHER
2Y	LOW	1 - 7	2 - 8	3 - 9	4 - 5 - 6
1Y	HIGH	1	2	3	4 - 7, 5 - 8, 6 - 9

BRAKE MOTORS: CONNECT BRAKE LEADS  
B1 & B2 TO MOTOR  
LEADS T7 & T8.

FOR ADDITIONAL INFO REFER TO:

APPLIED PRACTICES

DIMENSIONS ARE IN INCHES

TOLERANCE ON:  
1 PL DECIMALS ± 0.1  
2 PL DECIMALS ± 0.02  
3 PL DECIMALS ± 0.005  
ANGLES ± 1.0  
FRACTIONS ±  
FINISH

MATERIAL

SIGNATURES

DATE

M.D. PAPE

02/25/03

DETAIL

CHECKED

ENGRG

MFG

QUALITY

ISSUED

M.D. PAPE

02/25/03

SOLID MODEL: 113A930FIG2

REGAL-BELOIT CORPORATION

TITLE

CONNECTION DIAGRAM

SIZE A

DRAWING

113A930FIG2

REV 2

SCALE: 1.000

REF. No:

SHEET 1 of 1

4 of 4