

PRODUCT INFORMATION PACKET

Model No: 5K32GN30

Catalog No: K151

General Purpose Motor, 0.25 HP, 3 Ph, 60 Hz, 208-230/460 V, 1800 RPM, 48 Frame, TEFC



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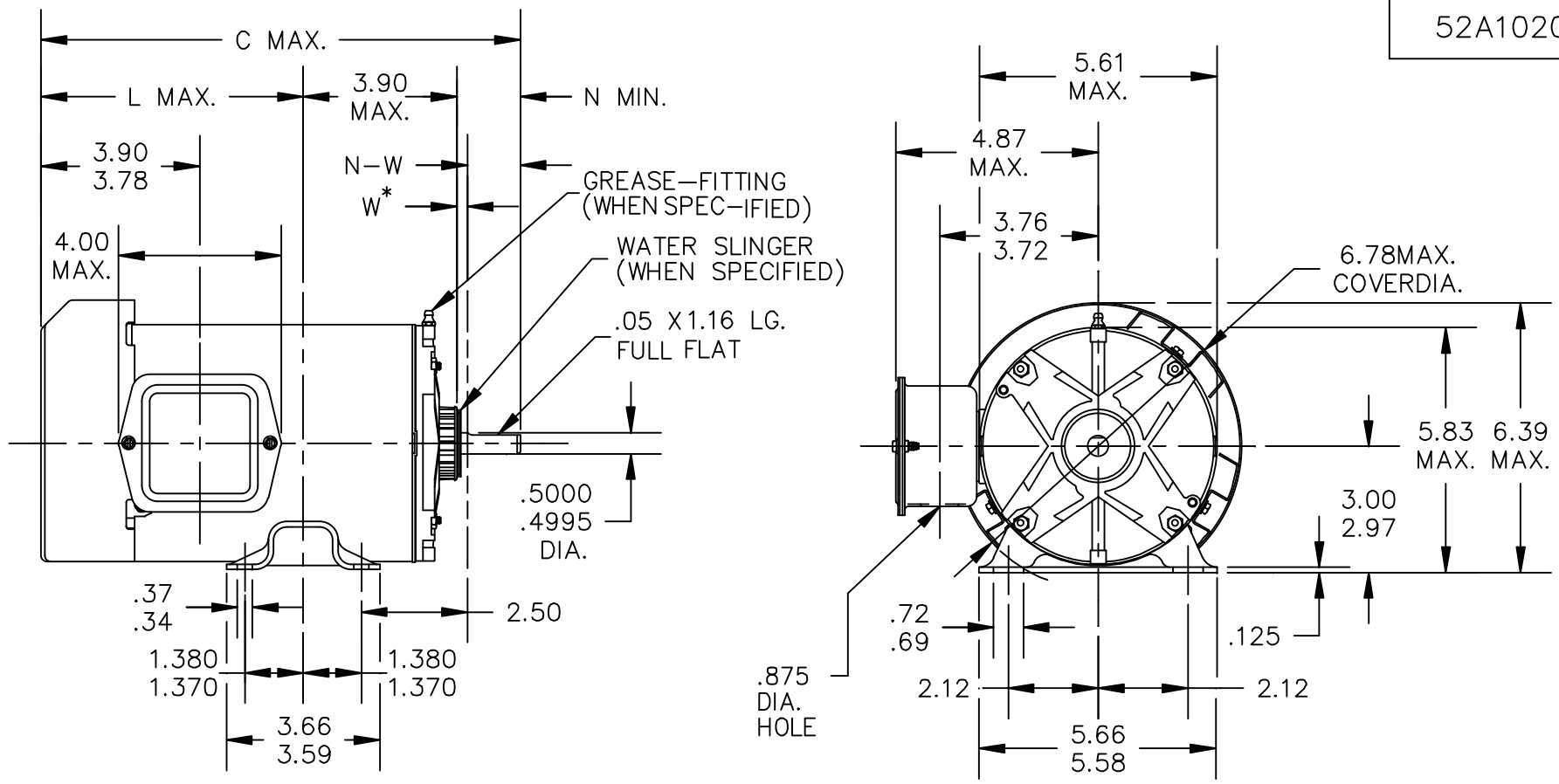
Nameplate Specifications

Output HP	0.25 Hp	Output KW	0.19 kW
Frequency	60 Hz	Voltage	208-230/460 V
Current	1.3-1.4,0.7 A	Speed	1725 rpm
Service Factor	1.35	Phase	3
Efficiency	64 %	Power Factor	0
Duty	Continuous	Insulation Class	B
Design Code	B	KVA Code	M
Frame	48	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	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	9.92 in
Frame Length	5.16 in	Shaft Diameter	0.500 in
Shaft Extension	1.5 in		
Outline Drawing	52A102041P1	Connection Drawing	113A930FIG2

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W* IS A CLEARANCE DUE TO VARIATION IN PARTS AND ASSEMBLY

5	K KH	37	48	11.38	6.00	1.50	1.63/1.41											
4	K KH	36	48	10.98	5.60	1.50	1.63/1.41											
3	K KH	35	48	10.55	5.17	1.50	1.63/1.41	8	K KH	39	48	9.67	4.29	1.50	1.63/1.41	4.91		
2	K KH	33	48	10.17	4.79	1.50	1.63/1.41	7	K KH	32	48Z	10.92	4.54	2.50	2.63/2.41			
1	K KH	32	48	9.92	4.54	1.50	1.63/1.41	6	K KH	38	48	11.98	6.60	1.50	1.63/1.41			
P	TYPE	RBC SIZE	NEMA FR.	C	L	N	N-W	SHELL LGTH.	P	TYPE	RBC SIZE	NEMA FR.	C	L	N	N-W	SHELL LGTH.	

										TOLERANCES UNLESS SPECIFIED		DRAWN F.P.K 12/13/76				
										DEC.	INCHES	CHK				
										.X	±0.1	APPD M.D.P 05/24/96				
										.XX	±0.02	SCALE 1=1				
12	REDRAWN IN DRAFTSIGHT -NO CHANGES			UD 09/08/12		.XXX	±0.005	 REGAL-BELOIT CORPORATION TITLE: OUTLINE TOTALLY ENCLOSED OUTBOARD FAN-WELDED BASE					REF			
11	PER ISAAC 05-2096			RK 09/05/05		.XXXX	±0.0005						MAT'L.		FMF	
NO.	REVISION			BY & DATE		CHK	ANG	±1.0	FINISH	PREV						
THIS DRAWING IN DESIGN AND DETAIL IS OUR PROPERTY AND MUST NOT BE USED EXCEPT IN CONNECTION WITH OUR WORK ALL RIGHTS OF DESIGN AND INVENTION ARE RESERVED THIS IS AN ELECTRONICALLY GENERATED DOCUMENT - DO NOT SCALE THIS PRINT										RFP	CAD FILE	52A102041	SIZE	DRAWING NO.		REV.
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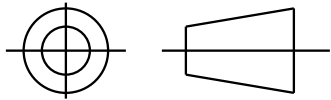
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REVISIONS

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

THIRD ANGLE PROJECTION

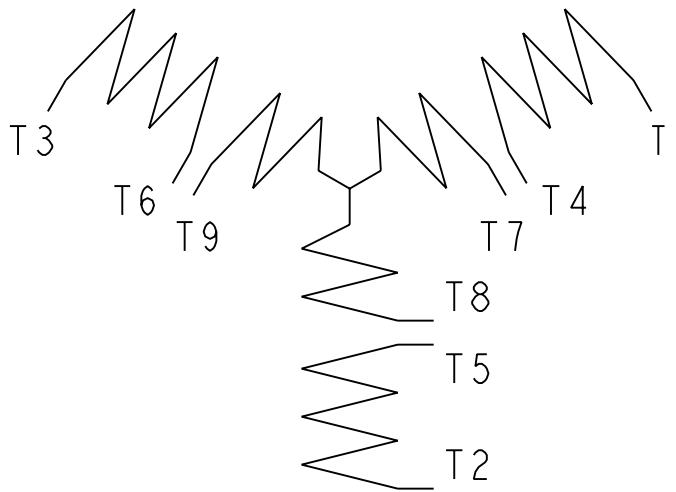


SHEET 113A930FIG2 2

SIZE DRAWING NO. A

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:	SIGNATURES	DATE
APPLIED PRACTICES	MODEL M. D. PAPE	02/25/03
DIMENSIONS ARE IN INCHES	DETAIL	.
TOLERANCE ON:	CHECKED	.
1 PL DECIMALS ± 0.1	ENGRG	.
2 PL DECIMALS ± 0.02	MFG	.
3 PL DECIMALS ± 0.005	QUALITY	.
ANGLES ± 1.0	ISSUED	M. D. PAPE 02/25/03
FRACTIONS ±		
FINISH ✓		
MATERIAL	SOLID MODEL: 113A930FIG2	



REGAL-BELOIT CORPORATION

TITLE CONNECTION DIAGRAM

SIZE DRAWING A

113A930FIG2

REV 2

SCALE: 1.000

REF. No: .

SHEET 1 of 1