

PRODUCT INFORMATION PACKET



Model No: 5K33FN30

Catalog No: K153

General Purpose Motor, 1/3 HP, 3 Ph, 60 Hz, 208-230/460 V, 48 Frame, TEFC



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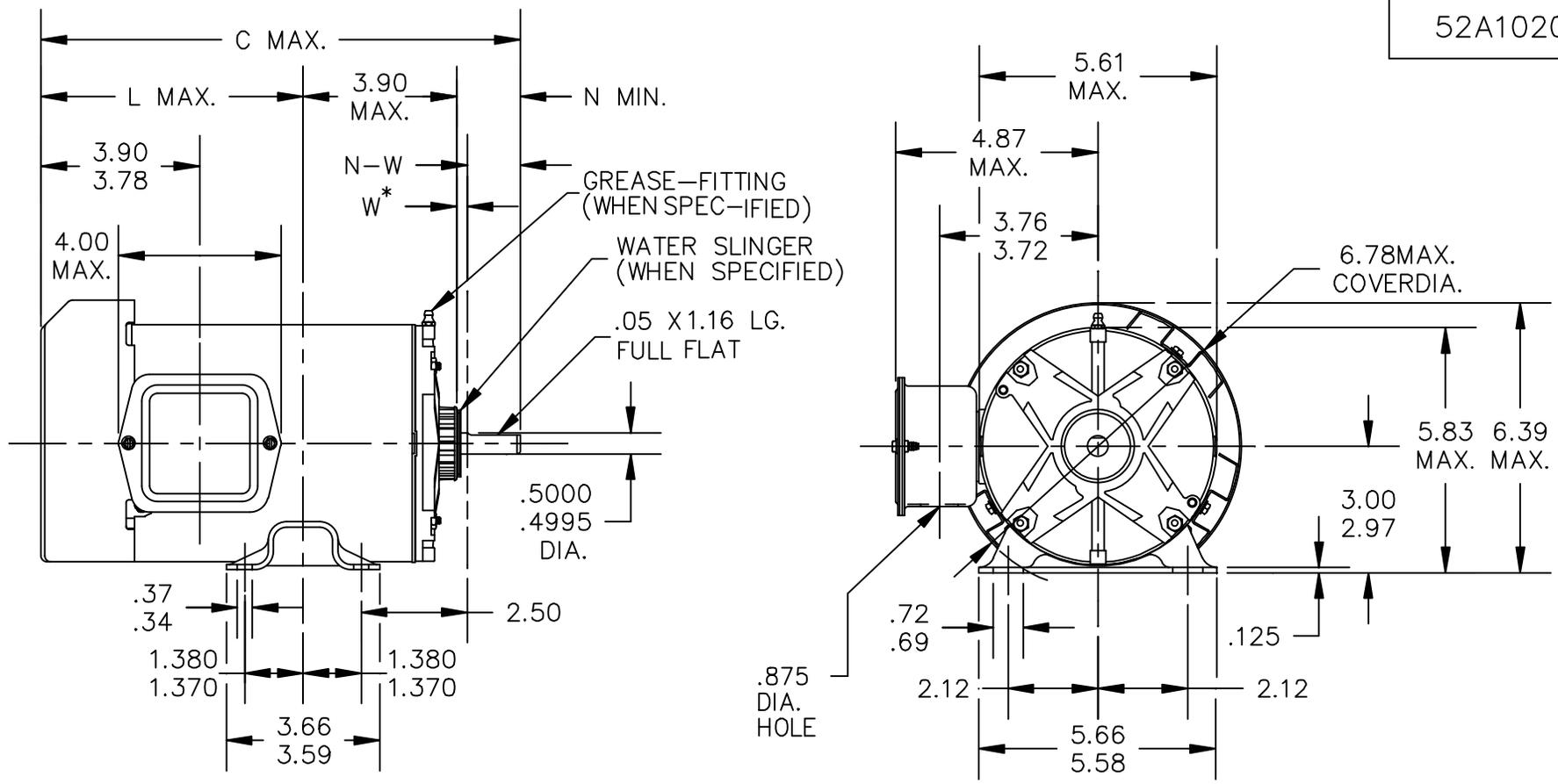
Nameplate Specifications

Phase	3	Output HP	1/3 Hp
Output KW	0.25 kW	Voltage	208-230/460 V
Speed	3450 rpm	Service Factor	1.0
Frame	48	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Ambient Temperature	40 °C
Frequency	60 Hz	Current	1.5-1.8/0.9 A
Power Factor	0	Duty	Continuous
Insulation Class	B	KVA Code	P
Drive End Bearing Size	6203	Opp Drive End Bearing Size	6203
UL	Recognized	CSA	Y
CE	N	IP Code	43

Technical Specifications

Electrical Type	Capacitor Start Capacitor Run	Starting Method	Across The Line
Poles	2	Rotation	Counterclockwise/Clockwise
Motor Orientation	Any	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	NEMA 48	Shaft Diameter	0.500 in
Connection Drawing	113A930FIG2	Outline Drawing	52A102041P2

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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		REGAL-BELOIT CORPORATION				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	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.
										DIST				A	52A102041		12



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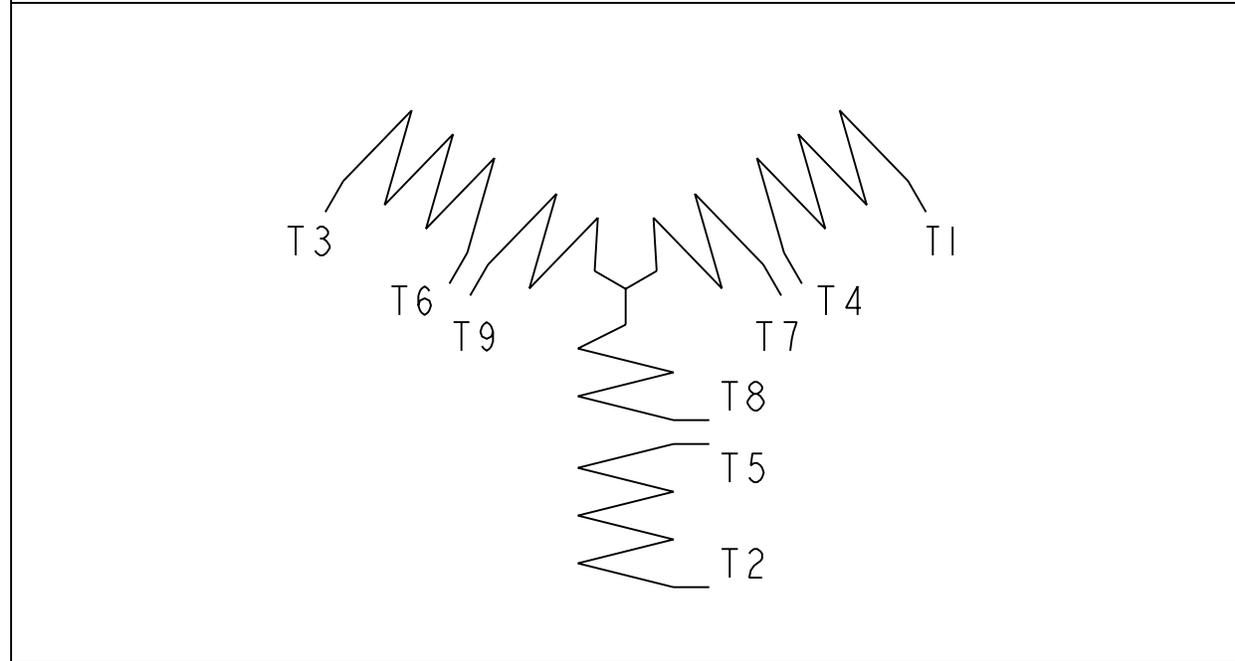
THIRD ANGLE PROJECTION

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

113A930FIG2

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

