

# PRODUCT INFORMATION PACKET

Model No: 5K49PN8020

Catalog No: K1301

.75 HP General Purpose Motor, 3 phase, 1200 RPM, 208-230/460 V, 143TC Frame, ODP  
General Purpose Motors



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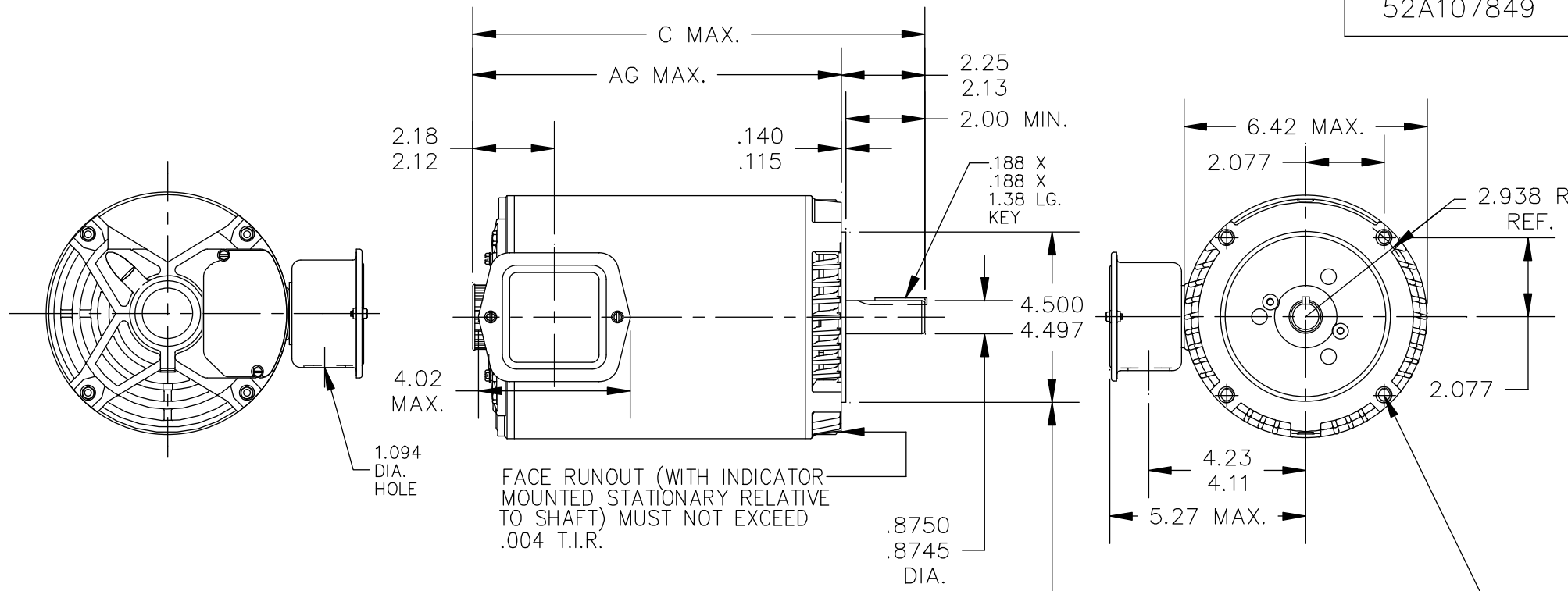
### Nameplate Specifications

Output HP	<b>0.75 Hp</b>	Output KW	<b>0.56 kW</b>
Frequency	<b>60 Hz</b>	Voltage	<b>208-230/460 V</b>
Current	<b>2.9-2.8 A</b>	Speed	<b>1140 rpm</b>
Service Factor	<b>1.15</b>	Phase	<b>3</b>
Efficiency	<b>0 %</b>	Power Factor	<b>0</b>
Duty	<b>Continuous</b>	Insulation Class	<b>B</b>
Design Code	<b>B</b>	KVA Code	<b>K</b>
Frame	<b>143TC</b>	Enclosure	<b>Drip Proof</b>
Thermal Protection	<b>N/R</b>	Ambient Temperature	<b>40 °C</b>
Drive End Bearing Size	<b>6205</b>	Opp Drive End Bearing Size	<b>6203</b>
UL	<b>Recognized</b>	CSA	<b>Y</b>
CE	<b>N</b>	Number of Speeds	<b>1</b>

### Technical Specifications

Electrical Type	<b>Three Phase</b>	Starting Method	<b>N/R</b>
Poles	<b>6</b>	Rotation	<b>Counterclockwise/Clockwise</b>
Mounting	<b>N/R</b>	Motor Orientation	<b>Any</b>
Drive End Bearing	<b>Locked</b>	Opp Drive End Bearing	<b>Ball</b>
Overall Length	<b>11.50 in</b>	Frame Length	<b>7.15 in</b>
Shaft Extension	<b>.875 X 2.00 - .188 X .188 KEY in</b>		
Outline Drawing	<b>52A107849P2</b>	Connection Drawing	<b>113A930FIG2</b>

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ECCENTRICITY OF THIS SURFACE (WITH INDICATOR MOUNTED STATIONARY RELATIVE TO SHAFT) MUST NOT EXCEED .004 T.I.R.

.375-16 UNC-2B (4 HOLES) .70 MIN FULL THREAD. THESE HOLES FIT A GAGE HAVING A RABBET 4.5005 DIA. AND 4 PINS .2917 DIA. LOCATED ON THE BASIC HOLE POSITIONS.

4	K	49	143TC 145TC	13.34	11.10	8.99
3	K	48	143TC 145TC	12.78	10.54	8.43
2	K	49	143TC 145TC	11.50	9.26	7.15
1	K	46	143TC 145TC	10.90	8.66	6.55
P	TYPE	RBC SIZE	NEMA FR	C	AG	MIN. SHELL

				TOLERANCES UNLESS SPECIFIED		DRAWN B.J 06/09/93	
				DEC.	INCHES	CHK	
				.X	±0.1	APPD B.L.J. 06/09/93	
3	REDRAWN IN DRAFT SIGHT - NO CHANGES.	GR 10/16/12	PKG	.XX	±0.02	SCALE 1=1	
2	CHG TO RBC FORMAT PER ISO5-1777	SD 03/07/06		.XXX	±0.005	REF	
1	ADDED P4	MAM 07/27/93		.XXXX	±0.0005	FMF	
NO.	REVISION	BY & DATE	CHK	ANG	±1.0	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	52A107849	SIZE	DRAWING NO.
			DIST			A	52A107849
							REV. 3



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TITLE  
OUTLINE  
DRIP PROOF- R2 END MOUNTED  
MAT'L.  
40 FR. REDESIGN

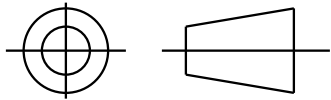
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REVISIONS

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

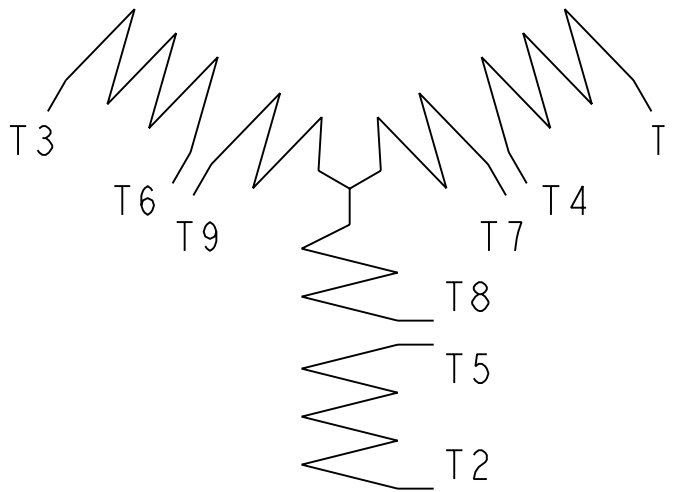


SHEET 113A930FIG2 2

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	



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TITLE CONNECTION DIAGRAM

SIZE DRAWING A

113A930FIG2

REV 2

SCALE: 1.000

REF. No: .

SHEET 1 of 1