

PRODUCT INFORMATION PACKET

marathon[®]
Motors

Model No: 5K33GN2

Catalog No: K111

.25 HP General Purpose Motor, 3 phase, 1800 RPM, 208-230/460 V, 48 Frame, ODP
Three Phase ODP Motors



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REGAL



Nameplate Specifications

Output HP	.25 Hp	Output KW	.19 kW
Frequency	60 Hz	Voltage	208-230/460 V
Current	1.3-1.4 A	Speed	1725 rpm
Service Factor	1.35	Phase	3
Efficiency	0 %	Duty	CONT
Insulation Class	B	Design Code	B
KVA Code	M	Frame	48
Enclosure	DP	Thermal Protection	N/R
Ambient Temperature	40 °C	Drive End Bearing Size	6203
Opp Drive End Bearing Size	6203	UL	Recognized
CSA	Y	CE	N

Technical Specifications

Electrical Type	Three Phase	Starting Method	N/R
Poles	4	Rotation	CCW/CW
Mounting	WB	Motor Orientation	ANY
Drive End Bearing	BALL	Opp Drive End Bearing	BALL
Overall Length	8.87 in	Frame Length	5.41 in
Shaft Extension	.500 X 1.50 FLAT in		

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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
1	CHG TO RBC FORMAT PER IS05-1777	06/15/06	MADHU
2	RENAMED 113A930_FIG-2 TO 113A930FIG2 PER IS07-0972	05/08/07	MADHU

THIRD ANGLE PROJECTION

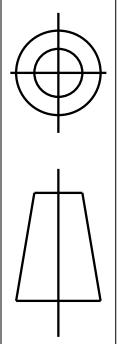
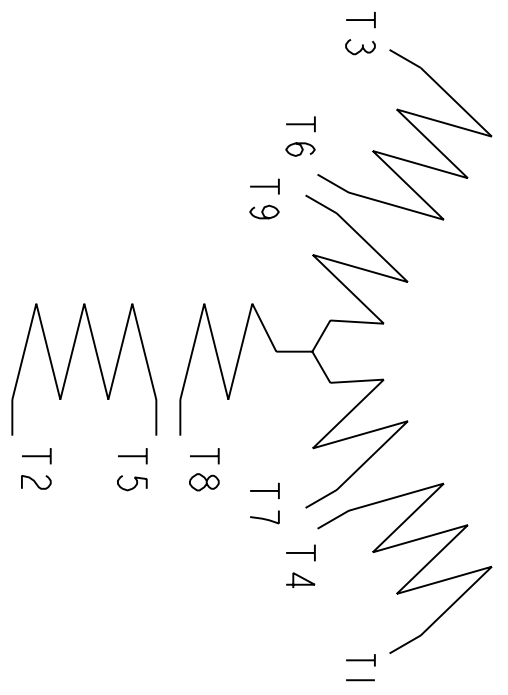


FIG. 2

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		02/23/03
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	QUALITY	M.D. PAPE		02/23/03
	ISSUED			
MATERIAL	SOLID MODEL: 113A930FIG2			



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TITLE CONNECTION DIAGRAM

SIZE	DRAWING	SCALE	1.000	REF. No.	
A					
	113A930FIG2				
REV	2				
SHEET	1 of 1				