marathon®

General Purpose Motors

Model No: TCA2P23AP211GAA009
Catalog No: R423

General Purpose Motor, 3 HP, 3 Ph, 60 Hz, 575 V, 1200 RPM, 112M Frame, TEFC

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Product Information Packet: Model No: TCA2P23AP211GAA009, Catalog No: R423 General Purpose Motor, 3 HP, 3 Ph, 60 Hz, 575 V, 1200 RPM, 112M Frame, TEFC

Nameplate Specifications

Phase	**3**	Output HP	**3 Hp**
Output KW	**2.2 kW**	Voltage	**575 V**
Speed	**1170 r/min**	Synchronous RPM	**1200 r/min**
Service Factor	**1.15**	Frame	**112M**
Enclosure	**Totally Enclosed Fan Cooled**	Thermal Protection	**No Protection**
Efficiency	**89.5 %**	Ambient Temperature	**40 °C**
Frequency	**60 Hz**	Current	**4.1 A**
Power Factor	**70**	Duty	**Continuous**
Insulation Class	**F8**	Design Code	**N (IEC)**
KVA Code	**M**	Drive End Bearing Size	**6306**
Opp Drive End Bearing Size	**6206**	UL	**Recognized**
CSA	**N**	CE	**Y**
IP Code	**55**		

Technical Specifications

Electrical Type	**Squirrel Cage Inverter Rated**	Starting Method	**Line Or Inverter**
Poles	**6**	Rotation	**Reversible**
Resistance Main	**3.31 O**	Mounting	**B3**
Motor Orientation	**Horizontal**	Drive End Bearing	**Ball**
Opp Drive End Bearing	**Ball**	Frame Material	**Cast Iron**
Shaft Type	**IEC**	Assembly/Box Mounting	**F3**
Inverter Load	**Constant 2:1/Variable 10:1**		

Drawings

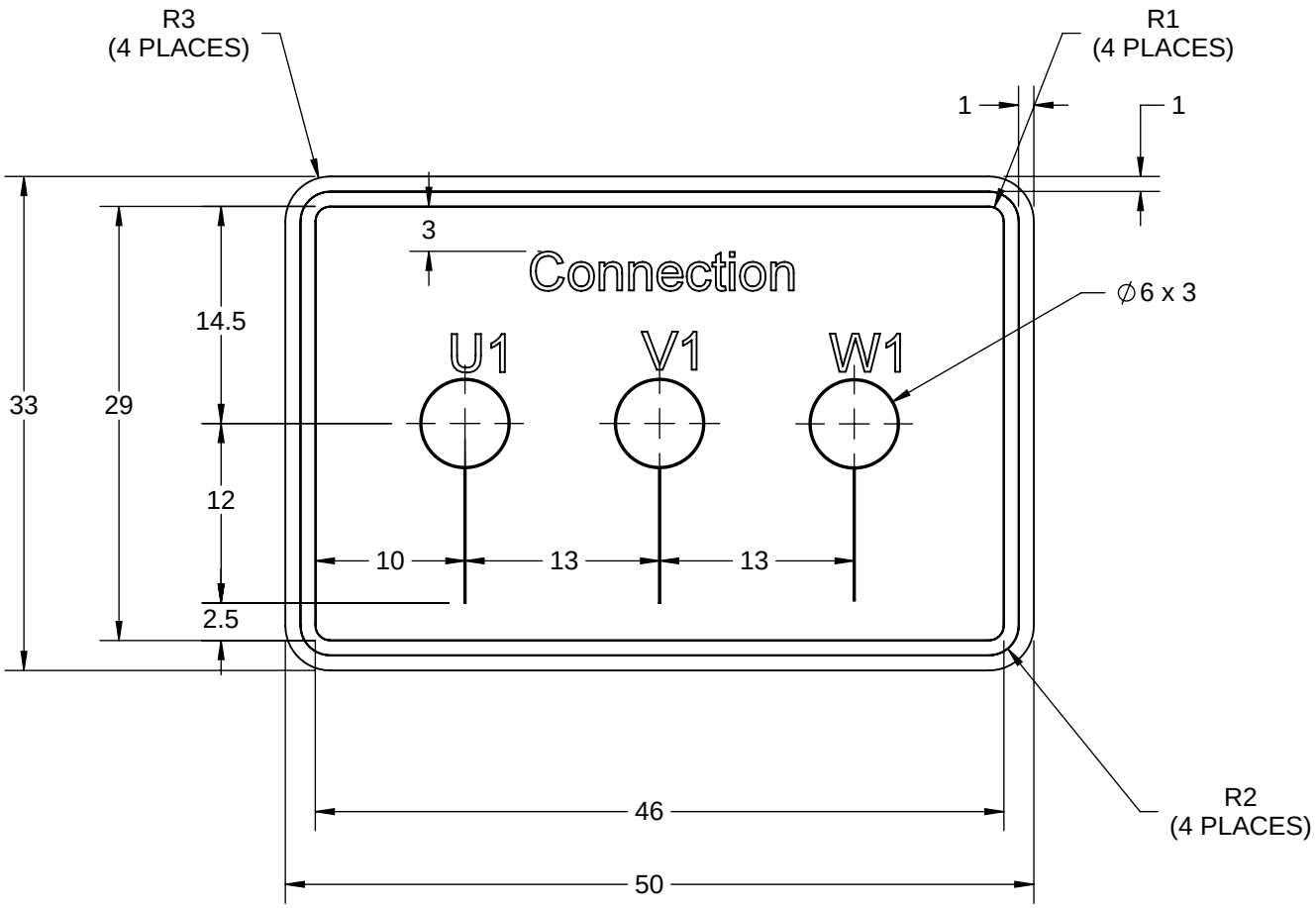
Connection Drawing	**8442000700**	Outline Drawing	**SS600217**

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B	SV	05/11/2026
REQUEST NUMBER	APPROVED BY	DATE
CR-0026249	RMS	05/11/2026
REQUEST NUMBER DESCRIPTION		
DRAWING TITLE BLOCK UPDATED		

GEOMENTRIC TOLERANCE		
LINEAR DIM	>0~6	±0.1
	>6~30	±0.2
	>30~120	±0.3



NOTES:

1. PRESSURE-SENSITIVE ADHESIVE COATED PAPER ON THE BACK OF SELF-ADHESIVE.
2. AT THE END OF YELLOW, WORDS, SYMBOLS, LETTERS ARE BLACK, BORDER IS BLACK.
3. THE TOLERANCE OF THE LINEAR SIZE OF THE TOLERANCE WITHOUT THE TOLERANCE BY THE TABLE.

PRIMARY DIMENSIONS ARE mm INCH DIMENSIONS IN [BRACKETS] ARE FOR REFERENCE ONLY	DRAWN BY: DNB DATE: 16/12/2016 APPROVED BY: JAY DATE: 16/06/2020 REFERENCE THIRD ANGLE PROJECTION	marathon™ DESCRIPTION: CONN DIAGRAM-NAMEPLATE 3 LEAD MATERIAL / PROCESS/FINISH SIZE: A DRAWING NUMBER: 8442000700 SHEET: 1 OF 1