marathon®

General Purpose Motors

Model No: TCA5P53AP211GAA009
Catalog No: R429

General Purpose Motor, 7.50 HP, 3 Ph, 60 Hz, 575 V, 1200 RPM, 132M Frame, TEFC

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Product Information Packet: Model No: TCA5P53AP211GAA009, Catalog No: R429 General Purpose Motor, 7.50 HP, 3 Ph, 60 Hz, 575 V, 1200 RPM, 132M Frame, TEFC

Nameplate Specifications

Phase	**3**	Output HP	**7.50 Hp**
Output KW	**5.5 kW**	Voltage	**575 V**
Speed	**1180 r/min**	Synchronous RPM	**1200 r/min**
Service Factor	**1.15**	Frame	**132M**
Enclosure	**Totally Enclosed Fan Cooled**	Thermal Protection	**No Protection**
Efficiency	**91 %**	Ambient Temperature	**40 °C**
Frequency	**60 Hz**	Current	**9.3 A**
Power Factor	**73**	Duty	**Continuous**
Insulation Class	**F8**	Design Code	**N (IEC)**
KVA Code	**K**	Drive End Bearing Size	**6308**
Opp Drive End Bearing Size	**6208**	UL	**Recognized**
CSA	**N**	CE	**Y**
IP Code	**55**		

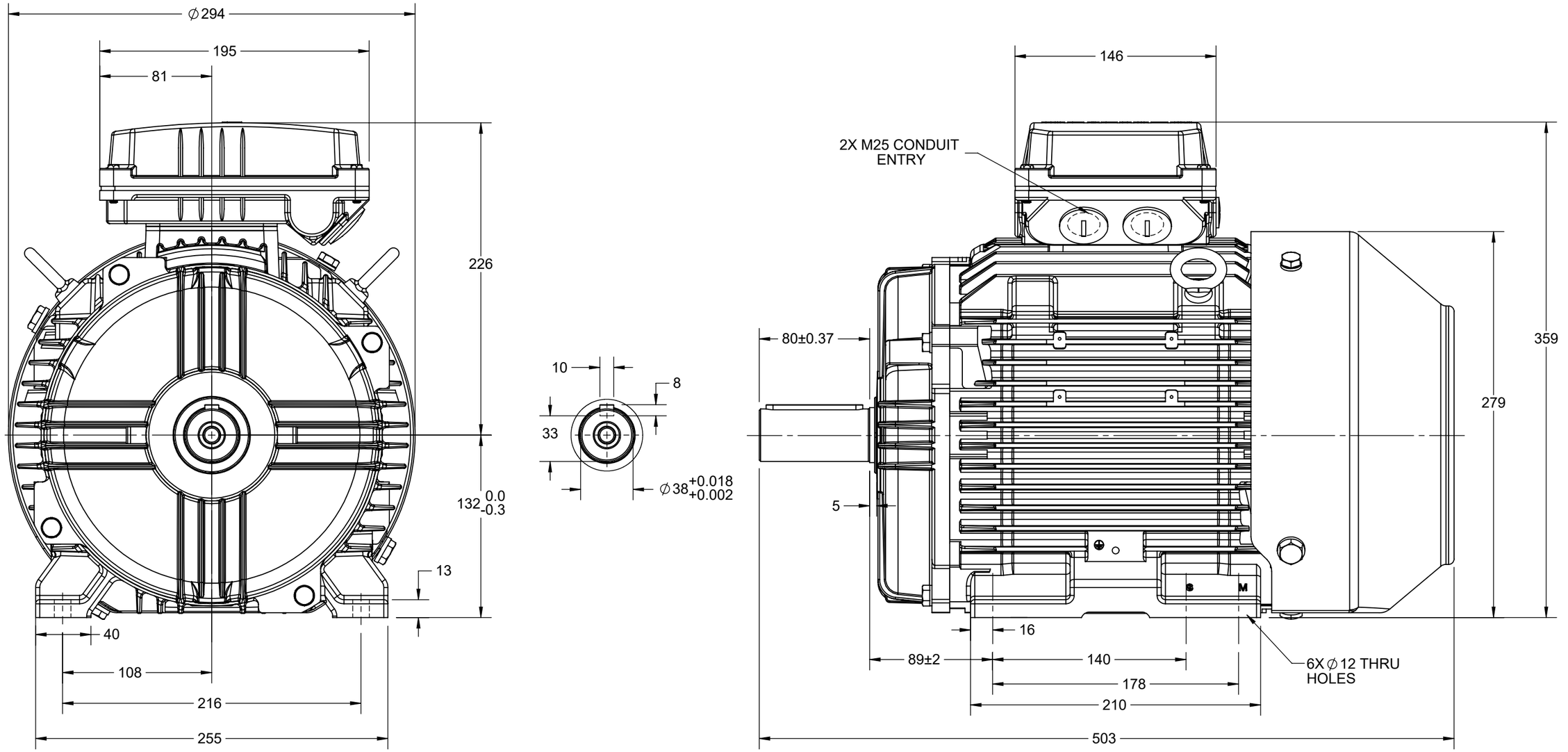
Technical Specifications

Electrical Type	**Squirrel Cage Inverter Rated**	Starting Method	**Line Or Inverter**
Poles	**6**	Rotation	**Reversible**
Resistance Main	**1.19 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	**SS810120**

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DRAWING REVISION: B	REVISION BY: SB	REV DATE/© DATE: 08/01/2025
REQUEST NUMBER: CR-0023600	APPROVED BY: SBD	DATE: 08/01/2025
REQUEST NUMBER DESCRIPTION: DRAWING TITLE BLOCK UPDATED		

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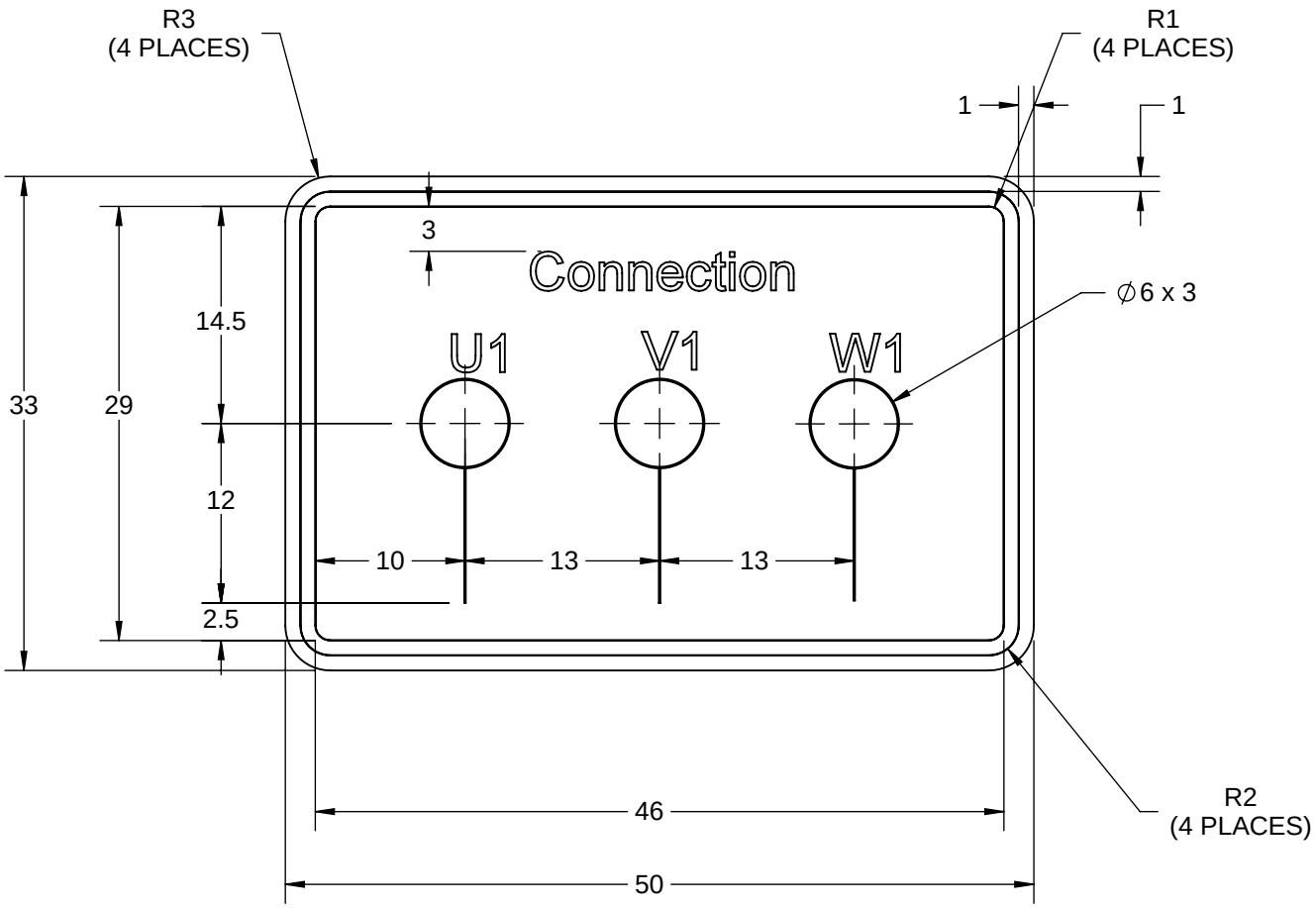
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DRAWN BY: NIV	marathon™
DATE: 04/12/2018	
APPROVED BY: JAY	DESCRIPTION: OUTLINE
DATE: 04/12/2018	IEC-132S-FR.- B3 MOTOR TYPE : TEFC-CAST IRON
REFERENCE	MATERIAL / PROCESS/FINISH
THIRD ANGLE PROJECTION	SIZE: B / DRAWING NUMBER: SS810120 / SHEET: 1 OF 1

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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	marathon™ DESCRIPTION: CONN DIAGRAM-NAMEPLATE 3 LEAD MATERIAL / PROCESS/FINISH	
THIRD ANGLE PROJECTION	SIZE: A	DRAWING NUMBER: 8442000700	SHEET: 1 OF 1