marathon®

General Purpose Motors

Model No: TCA0033AP211GAA009
Catalog No: R453

General Purpose Motor, 4 HP, 3 Ph, 60 Hz, 575 V, 1200 RPM, 132S Frame, TEFC

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Product Information Packet: Model No: TCA0033AP211GAA009, Catalog No: R453 General Purpose Motor, 4 HP, 3 Ph, 60 Hz, 575 V, 1200 RPM, 132S Frame, TEFC

Nameplate Specifications

Phase	**3**	Output HP	**4 Hp**
Output KW	**3.0 kW**	Voltage	**575 V**
Speed	**1180 r/min**	Synchronous RPM	**1200 r/min**
Service Factor	**1.15**	Frame	**132S**
Enclosure	**Totally Enclosed Fan Cooled**	Thermal Protection	**No Protection**
Efficiency	**89.5 %**	Ambient Temperature	**40 °C**
Frequency	**60 Hz**	Current	**5.2 A**
Power Factor	**73**	Duty	**Continuous**
Insulation Class	**F8**	Design Code	**N (IEC)**
KVA Code	**J**	Drive End Bearing Size	**6308**
Opp Drive End Bearing Size	**6208**	UL	**Recognized**
CSA	**N**	CE	**Y**
IP Code	**55**		

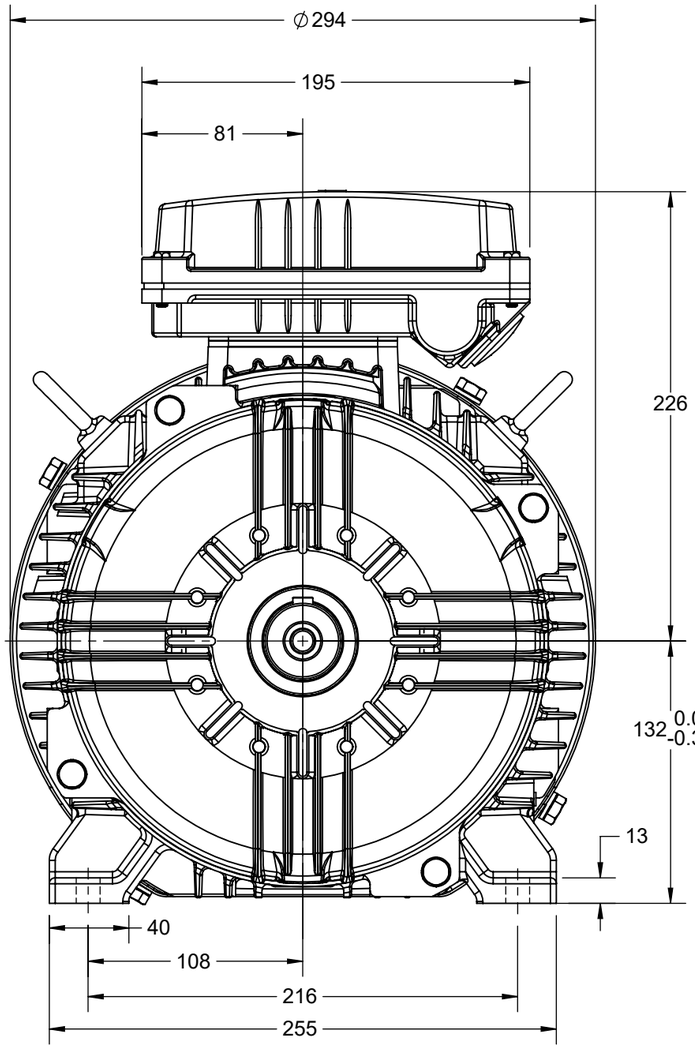
Technical Specifications

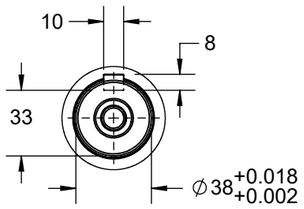
Electrical Type	**Squirrel Cage Inverter Rated**	Starting Method	**Line Or Inverter**
Poles	**6**	Rotation	**Reversible**
Resistance Main	**2.75 O**	Mounting	**B3**
Motor Orientation	**Horizontal**	Drive End Bearing	**Ball**
Opp Drive End Bearing	**Ball**	Frame Material	**Cast Iron**
Shaft Type	**IEC**	Assembly/Box Mounting	**F3**
Inverter Load	**Constant 2:1/Variable 10:1**		

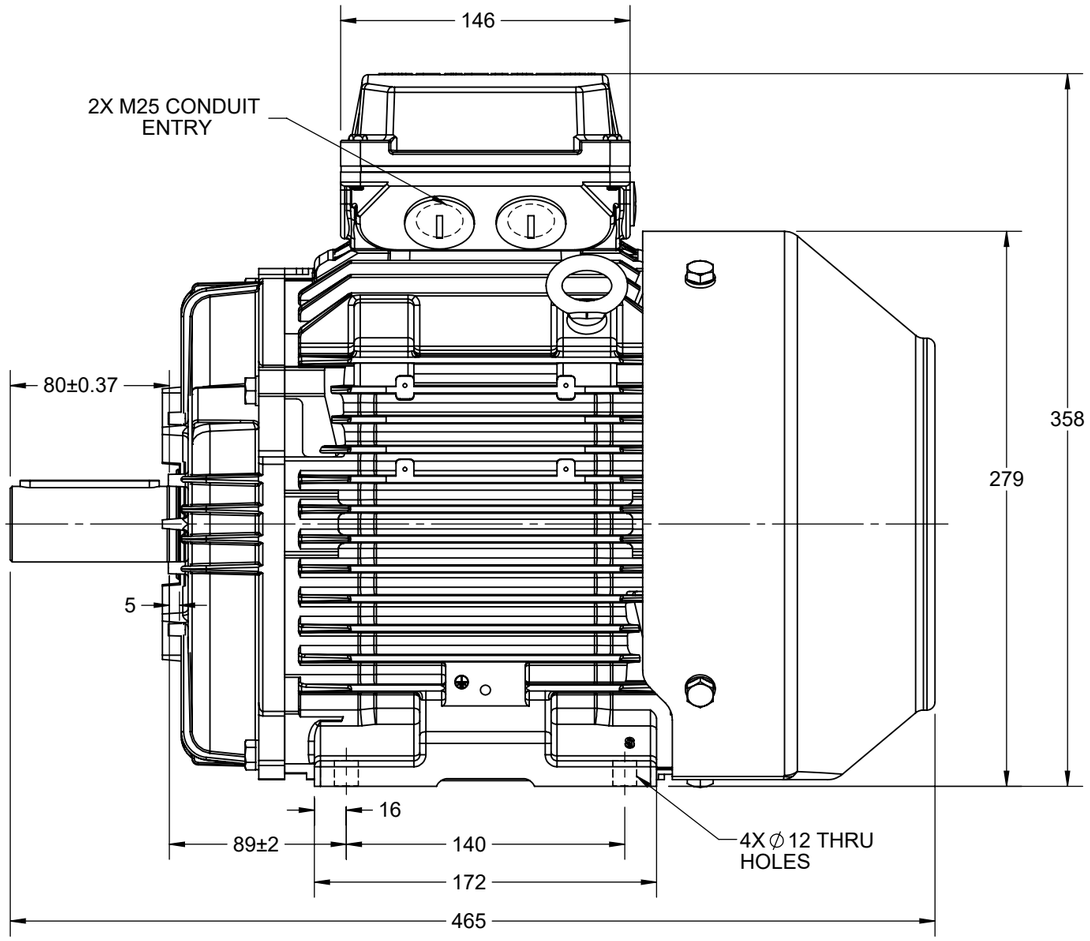
Drawings

Connection Drawing	**8442000700**	Outline Drawing	**SS810118**

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DRAWING REVISION: B	REVISION BY: SB	REV DATE/© DATE: 07/25/2025	
REQUEST NUMBER: CR-0023600	APPROVED BY: SBD	DATE: 07/25/2025	
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DATE: 04/12/2018	
REFERENCE	MATERIAL / PROCESS/FINISH
THIRD ANGLE PROJECTION	SIZE: B / DRAWING NUMBER: SS810118 / SHEET: 1 OF 1

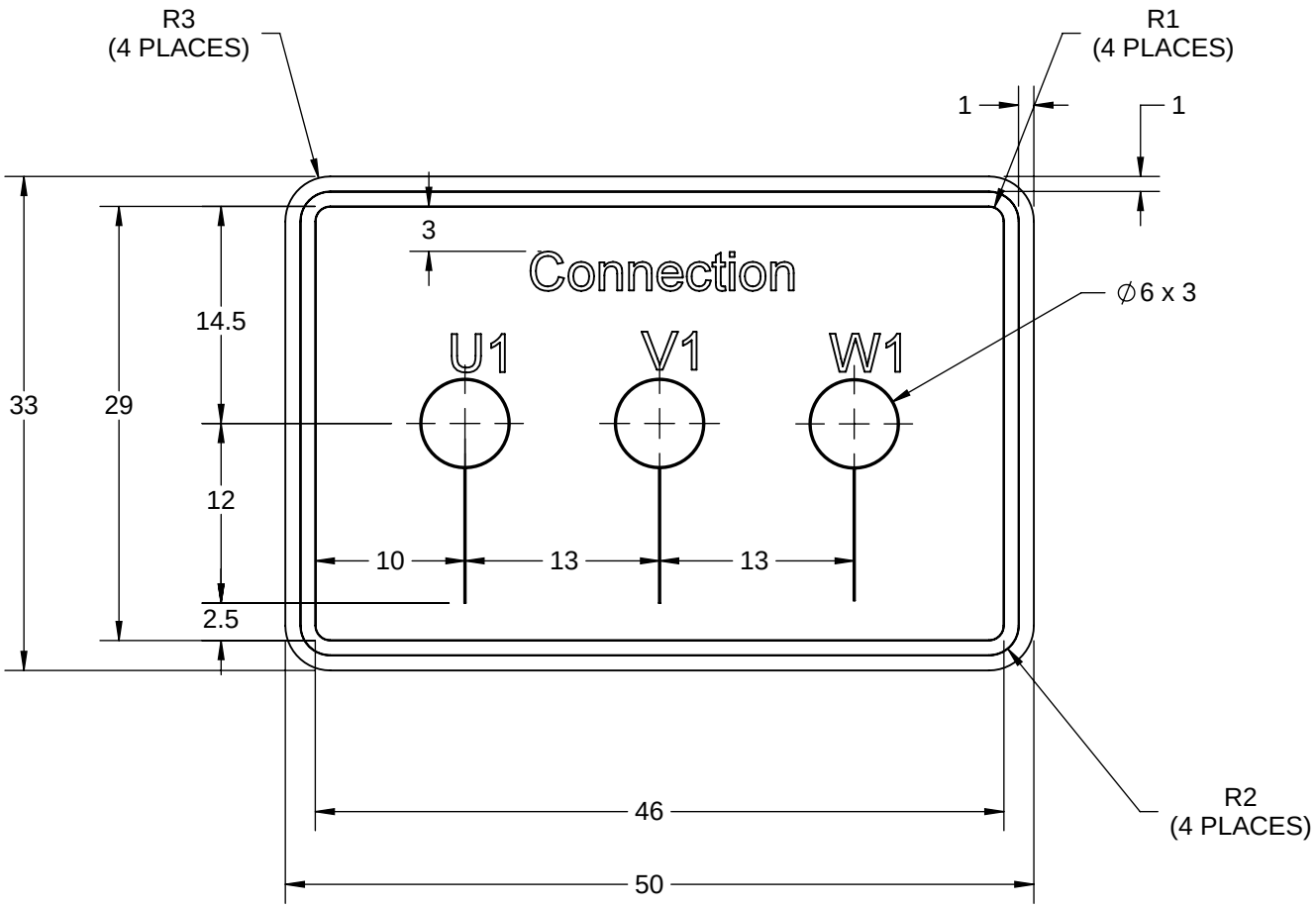
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DESCRIPTION
OUTLINE
IEC-132S-FR.- B3 MOTOR TYPE :TEFC-CAST IRON

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CR-0026249	RMS	05/11/2026
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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