

# PRODUCT INFORMATION PACKET

**marathon®**  
Motors

Model No: SCA0304A1141GAA001

Catalog No: SCA0304A1141GAA001

TerraMAX® Cast Iron Motor, 40 HP, 3 Ph, 50 Hz, 400 V, 750 RPM, 250M Frame, TEFC



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**RegalRexnord**

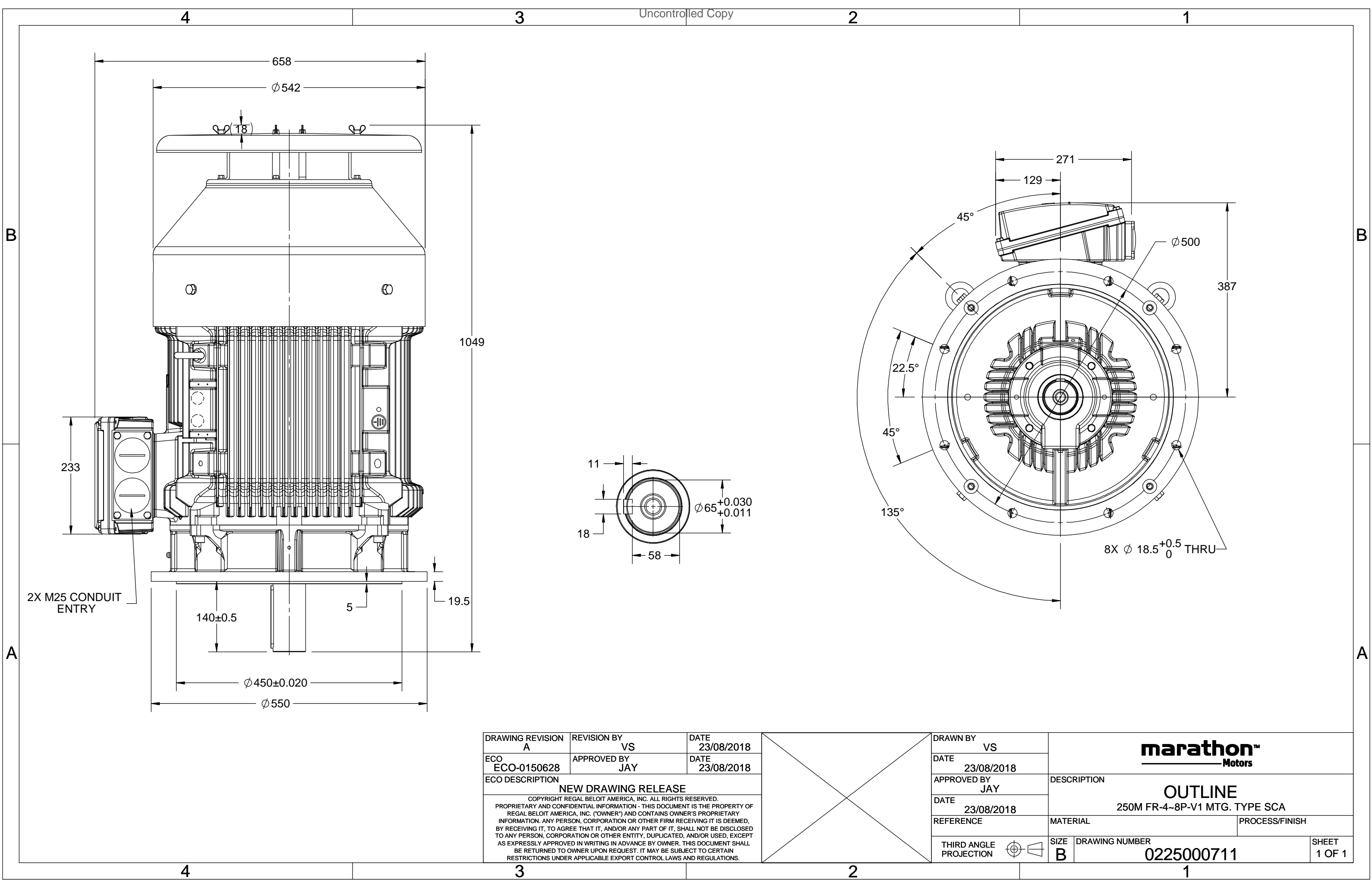
### Nameplate Specifications

Output HP	40 Hp	Output KW	30.0 kW
Frequency	50 Hz	Voltage	400 V
Current	62.6 A	Speed	738 rpm
Service Factor	1	Phase	3
Efficiency	89.8 %	Power Factor	0.77
Duty	S1	Insulation Class	F
Frame	250M	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Ambient Temperature	40 °C
Drive End Bearing Size	6314	Opp Drive End Bearing Size	6314
UL	No	CSA	No
CE	Yes	IP Code	55
Number of Speeds	1	Efficiency Class	IE2


### Technical Specifications

Electrical Type	Squirrel Cage	Starting Method	Direct On Line
Poles	8	Rotation	Bi-Directional
Mounting	V1	Motor Orientation	Shaftdown
Drive End Bearing	C3	Opp Drive End Bearing	C3
Frame Material	Cast Iron	Shaft Type	Keyed
Overall Length	1049 mm	Frame Length	460 mm
Shaft Diameter	65 mm	Shaft Extension	140 mm
Assembly/Box Mounting	Top		
Outline Drawing	0225000711	Connection Drawing	8442000085

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DRAWING REVISION A	REVISION BY VS	DATE 23/08/2018
ECO ECO-0150628	APPROVED BY JAY	DATE 23/08/2018
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DRAWN BY VS		<div>marathon™ Motors</div>	
DATE 23/08/2018			
APPROVED BY JAY		DESCRIPTION <div>OUTLINE</div> <div>250M FR-4~8P-V1 MTG. TYPE SCA</div>	
DATE 23/08/2018			
REFERENCE		MATERIAL	PROCESS/FINISH
THIRD ANGLE PROJECTION		SIZE B	
		DRAWING NUMBER 0225000711	
		SHEET 1 OF 1	

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DRAWING REVISION <b>A</b>	REVISION BY <b>SN</b>	DATE <b>13/01/2017</b>
ECO <b>ECO-0116390</b>	APPROVED BY <b>SBD</b>	DATE <b>13/01/2017</b>
ECO DESCRIPTION <b>NEW DRAWING RELEASE</b>		

GEOMETRIC 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.

8WD.442.2017

	DRAWN BY <b>SN</b>		<b>Regal Beloit America, Inc.</b>		
	DATE <b>16/12/2016</b>				
	APPROVED BY <b>SBD</b>		DESCRIPTION <b>CONN DIAGRAM-NAMEPLATE</b>		
	DATE <b>16/12/2016</b>				
	REFERENCE		MATERIAL		PROCESS/FINISH
	THIRD ANGLE PROJECTION		SIZE <b>A</b>	DRAWING NUMBER <b>8442000085</b>	SHEET <b>1 OF 1</b>