## Product Information Packet: Model No: TCT5P54A1181GAA001, Catalog No:TCT5P54A1181GAA001 IE3, 5.5kW, DUST IGNITION PROOF MOTORS, 3 phase, 8 Pole, 400V, 729RPM, 50Hz, 86.2%, 160M Frame, TEFC

## marathon®

## Nameplate Specifications

Output HP	7.50 Hp	Output KW	5.5 kW
Frequency	50 Hz	Voltage	400 V
Current	12.8 A	Speed	729 rpm
Service Factor	1	Phase	3
Efficiency	86.2 %	Power Factor	0.72
Duty	S1	Insulation Class	F
Frame	160M	Enclosure	Totally Enclosed Fan Cooled
Frame Thermal Protection	160M No Protection	Enclosure Ambient Temperature	Totally Enclosed Fan Cooled 40 °C
Thermal Protection	No Protection	Ambient Temperature	40 °C
Thermal Protection Drive End Bearing Size	No Protection 6309	Ambient Temperature Opp Drive End Bearing Size	40 °C 6209

## **Technical Specifications**

Electrical Type	Squirrel Cage	Starting Method	Direct On Line
Poles	8	Rotation	Bi-Directional
Mounting	B14B	Motor Orientation	Horizontal
Drive End Bearing	2z-C3	Opp Drive End Bearing	2z-C3
Frame Material	Cast Iron	Shaft Type	Keyed
Overall Length	622 mm	Frame Length	254 mm
Shaft Diameter	42 mm	Shaft Extension	110 mm
Assembly/Box Mounting	Тор		
Connection Drawing	8442000085	Outline Drawing	0216001035

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