Product Information Packet: Model No: TCT18P1A1181GAA001, Catalog No:TCT18P1A1181GAA001 IE3, 18.5kW, DUST IGNITION PROOF MOTORS, 3 phase, 2 Pole, 400V, 2953RPM, 50Hz, 92.4%, 160L Frame, TEFC

marathon[®]

Nameplate Specifications

Output HP	25 Hp	Output KW	18.5 kW
Frequency	50 Hz	Voltage	400 V
Current	31.8 A	Speed	2953 rpm
Service Factor	1	Phase	3
Efficiency	92.4 %	Power Factor	0.91
Duty	S1	Insulation Class	F
Frama	4601	Enclosure	Totally England For Cooled
Frame	160L	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Ambient Temperature	40 °C
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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	2	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	666 mm	Frame Length	298 mm
Shaft Diameter	42 mm	Shaft Extension	110 mm
Assembly/Box Mounting	Тор		
Connection Drawing	8442000085	Outline Drawing	0216001036

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