Product Information Packet: Model No: TCA5P53AE271GAA009, Catalog No:R629 Cast Iron Motor, 7.50 & 5.50 HP, 3 Ph, 60 & 50 Hz, 230/460 & 200/400 V, 1200 & 1000 RPM, 132M Frame, TEFC

marathon®

Nameplate Specifications

3	Output HP	7.50 & 5.50 Hp
5.5 & 4.0 kW	Voltage	230/460 & 200/400 V
1180 & 985 rpm	Service Factor	1.15 & 1.15
132M	Enclosure	Totally Enclosed Fan Cooled
No Protection	Efficiency	91 & 86.8 %
40 °C	Frequency	60 & 50 Hz
20.8/10.4 & 19/9.5 A	Power Factor	73
Continuous	Insulation Class	F
N (IEC)	KVA Code	К
6308	Opp Drive End Bearing Size	6208
Recognized	CSA	Ν
Y	IP Code	55
1	Efficiency Class	IE3
	5.5 & 4.0 kW 1180 & 985 rpm 132M No Protection 40 °C 20.8/10.4 & 19/9.5 A Continuous N (IEC) 6308 Recognized	5.5 & 4.0 kWVoltage1180 & 985 rpmService Factor132MEnclosure132MEfficiencyNo ProtectionEfficiency40 °CFrequency20.8/10.4 & 19/9.5 APower FactorContinuousInsulation ClassN (IEC)KVA Code6308Opp Drive End Bearing SizeRecognizedCSAYIP Code

Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
Poles	6	Rotation	Reversible
Resistance Main	1.19 Ohms	Mounting	Round
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	IEC	Overall Length	19.80 in
Frame Length	9.45 in	Shaft Diameter	1.496 in
Shaft Extension	3.15 in	Assembly/Box Mounting	F3
Inverter Load	CONSTANT 2:1/VARIABLE 10:1		
Outline Drawing	SS620902	Connection Drawing	8442000715

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