Product Information Packet: Model No: TCA0153AE221GAA009, Catalog No:R238 Cast Iron Motor, 20 & 15 HP, 3 Ph, 60 & 50 Hz, 230/460 & 200/400 V, 1200 & 1000 RPM, 180L Frame, TEFC

marathon®

Nameplate Specifications

3	Output HP	20 & 15 Hp
15.0 & 11.0 kW	Voltage	230/460 & 200/400 V
1180 & 985 rpm	Service Factor	1.15 & 1.15
180L	Enclosure	Totally Enclosed Fan Cooled
No Protection	Efficiency	91.7 & 90.3 %
40 °C	Frequency	60 & 50 Hz
53.5/26.7 & 48/24.1 A	Power Factor	77
Continuous	Insulation Class	F
N (IEC)	KVA Code	F
6311	Opp Drive End Bearing Size	6211
Recognized	CSA	N
Y	IP Code	55
1	Efficiency Class	IE3
	15.0 & 11.0 kW 1180 & 985 rpm 180L No Protection 40 °C 53.5/26.7 & 48/24.1 A Continuous N (IEC) 6311 Recognized	15.0 & 11.0 kWVoltage1180 & 985 rpmService Factor180LEnclosure180LEfficiency40 °CFrequency53.5/26.7 & 48/24.1 APower FactorContinuousInsulation ClassN (IEC)KVA Code6311Opp Drive End Bearing SizeRecognizedCSAYIP Code

Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
Poles	6	Rotation	Reversible
Resistance Main	.56 Ohms	Mounting	Round
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	IEC	Overall Length	29.53 in
Frame Length	14.41 in	Shaft Diameter	1.890 in
Shaft Extension	4.33 in	Assembly/Box Mounting	F3
Inverter Load	CONSTANT 2:1/VARIABLE 10:1		
Connection Drawing	8442000715	Outline Drawing	SS312998A

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