



Inverter Fed 3 phase Max Motion Motor Cable distance guidelines

Our Max Motion 3 phase motors are all designed to be used with Variable Frequency drives. Our motors are wound using **Dupont Reliawire** Q 200°C Corona Resistant Wire. Insulation system includes hand set winding, class F phase to phase paper and VPI double dip varnish and bake process.

Our Max Motion motors meet or exceed MG1 part 30 & part 31 section 4.4.2 guidelines.

Max Motion Product Line	VFD carrier frequency adjusted 3kHz, phase to phase		
	208 – 230 VOLTS	460 VOLTS	575 VOLTS
56C Rolled Steel	300 ft.	125 ft.	40 ft.
143T – 449T Cast Iron	300 ft.	125 ft.	40 ft.
56C – 256TC SS	300 ft.	125 ft.	40 ft.

Bearing and shaft currents resulting from common mode voltages should be addressed separately. (See MG1 part 32)

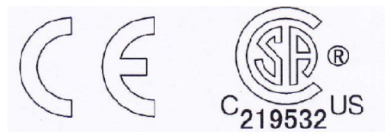
Our motors also meet Directives:

Low Voltage Directive 2006/95/EC, Regulation (EC) No 640/2009, Directive 2009/125/EC, EMC Directive 2004/108/EC, Machinery Directive 2006/42/EC

Standards:

MG1 guidelines : EN60034-1 : 2010/EN60034-2-1 : 2007/EN60034-5 : 2001/A1 : 2007/EN60034-6 : 1993/EN60034-7 : 1993/A1 : 2001/EN60034-8 : 2007/EN60034-9 : 2005/A1 : 2007/EN60034-11 : 2004/EN60034-12 : 2002/A1 : 2007/EN60034-14 : 2004/A1 : 2007/EN60034-30 : 2009/EN60204 : 2006/AC : 2010 and EN60204-1 : 2000/AC: 2010

Certification :



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