



MAXIMIZE YOUR EXPECTATIONS



Does your premium metric motor come with these industry leading features as standard?

- Class H insulation/B temperature rise
- Inverter duty rated at 10:1 CT and 20:1 VT
- Approvals - CE, cRuUS, UL Energy Verified
- Aluminium frames 56 - 160
- Cast Iron Frames 180 - 355
- Cable glands included - NPT and PG
- PTC Installed on 132 Frames and Higher
- IE3/Nema Premium Efficiency 1HP - 430HP
- 60Hz and 50Hz Performance values on name plate
- 3 Year Warranty

THERE'S NO SECRET TO THIS WINNING FORMULA!

MaxMotion - What drives your business?





MaxMotion		compliant		Energy Efficient		UL		CE	
TYPE 1200G-4-01		3-Max		IP 155000713		Dim. C6			
Hz	HP	V	A	2000	10000	EFF%			
60	LS	4	1.5	1.5	1.5	0.77			
50	LS	4	1.5	1.5	1.5	0.77			
IEC 34		IEC 72		IEC 34		IEC 72			
Made in P.R.C.		Subtle by 101 CT 201 VT		IE3					



Our oversized aluminium nameplate allows for quick reference to both 60 and 50Hz performance values spread across a wide voltage range. Multiple approval ratings provides locally compliant motors ready for export to over 28 global regions. The Max Motion IEC line is designed to meet or exceed all IEC 34 and 72 electrical standards while satisfying NEMA MG1 Part 31.4.4.2 for VFD inverter fed applications.

Heat has long been the great adversary for motor longevity. We address this concern logically by the use of a class H insulation system throughout the motor windings and leads. All of our motors exceed the criteria critical for optimal operation in 10:1 Constant Torque and 20:1 Variable Torque applications. This hybrid platform meets both IEC Design N and NEMA Design B Torque characteristics.

A large, square, cast aluminium T-box has been designed to meet NEC space requirements. Equipped with NPT and PG plugs, it can be rotated in 90 degree increments and boasts a wiring diagram embossed on to the back of the cover. There are no plastic cost outs here! Inside are clearly marked, stud type terminal blocks and leads marked in the proper IEC format.

Knowing that over 57% of motor failures occur due to bearings, it's understood that bearings play an essential role in a motor's life cycle. This is why we use over-sized SKF Explorer Deep Groove Ball Bearings in our motors, as standard. We went the extra mile to include re-greasing capabilities from frame sizes 132 to 355. In conjunction with the Class H insulation system, you get a cool running motor which gives us the ability to offer our customers a full 3 year warranty.

Frame sizes 56 – 160 are of lightweight aluminium construction, with removable base and flexible multi-orientation capability (F1, F2, F3). With an ultra-smooth and elongated fin design, heat is dissipated quickly. Cast iron frames are available from sizes 180 – 500 and offers the same fin design as with aluminium units. Rolled steel fan covers are standard on all frames and special cast iron fan covers can be furnished upon request.



MaxMotion

MEP INC

**Ontario, Western
Canada, Newfound-
land, Labrador and USA**

2831 Bristol Circle Unit 3
Oakville, ON L6H 6X5
Tel: 905-829-1020
Toll free: 877-812-7788
Email: information@mep.ca

Quebec and Maritimes

10500 Boul. du Golf
Anjou, QC H1J 2Y7
Tel: 514-352-1229
Toll free: 888-668-3877
Email: info@mep.ca

