

Technical Notice

TBM2G CE Certification

Kollmorgen has reviewed the CE requirements for marking the **TBM2G** Frameless Motor product line. After review and consultation, it is determined that the TBM2G is a parts set, and does not constitute a full motor until it is in the customer's final assembly. Since the relevant standards only apply to complete motors, Kollmorgen cannot apply the CE mark to the product.

Product Identification

Product: TBM2G– Stator and rotor assemblies
Series: Kollmorgen TBM2G-NNNxx followed by numbers and letters.
Models covered: TBM2G-050xx, TBM2G-060xx, TBM2G-068xx, TBM2G-076xx, TBM2G-085xx, TBM2G-094xx, and TBM2G-115xx

Manufacturer **Kollmorgen Corporation**
Address: 501 Main Street
 Radford, VA 24141- 4099
Country: USA

European Harmonized Standards


This product is designed to meet the following safety standards when properly installed in a final assembly.

EN 60034-1:2010 Rotating Electrical Machines - Part 1: Rating and performance
 This includes Safety and EMC requirements
EN 60034-18-1:2010 Rotating electrical machines - Part 18-1: Functional evaluation of insulation systems - General guidelines
 This includes use of a class F UL rated insulation system KM-155-T2G, UL File number E301483

CE mark is not applicable to the TBM2G part set.

These products comply with the Low Voltage Directive 2014/35/EU for installation in a machine. Safety depends upon installing and configuring the parts set into a motor per the manufacturer's recommendations. The machine in which this product is to be installed must conform to the provisions of the EMC Directive 2014/30/EU. The installer is responsible for ensuring that the end product complies with the EMI requirements and all the relevant laws in the country where the equipment is installed

Each part set has been designed, built, and tested to meet the requirements of EN 60034-1 as the most appropriate standard.

Signed: 
Name: David Digby Empson 21 June, 2022
Title: Compliance Engineer

201 W. Rock Road
Radford, VA 24141
USA



TBM2G Nomenclature **TBM2G** - 060 13 A - A N A A - 00

		Available Motor						
1 Motor Series		TBM2G						
2 Frame		050	060	068	076	085	094	115
Size in mm		50	60	68	76	85	94	115
3 Lamination Stack Length								
08 = 8.2 mm stack		*	*	*	*	*	*	*
13 = 12.7 mm stack		*	*	*	*	*	*	*
26 = 26.3 mm stack		*	*	*	*	*	*	*
4 Motor Winding								
A = Wye Connected		*	*	*	*	*	*	*
C = Parallel Wye Connected		*	*	*	*	*	*	*
D = Parallel Delta Connected		*	*	*	*	*	*	*

		Available Options						
Motor Series		TBM2G						
Frame		050	060	068	076	085	094	115
5 Thermal Device								
N = None		*	*	*	*	*	*	*
A = PT1000		*	*	*	*	*	*	*
B = 3 PTC's		*	*	*	*	*	*	*
6 Sensor Option								
N = None		*	*	*	*	*	*	*
H = Hall Sensors		*	*	*	*	*	*	*
A = Hall Sensors (Alternate Location)		*	*	*	*	*	*	*
7 Lead Options								
N = None		*	*	*	*	*	*	*
A = 0.5 m Flying Leads		*	*	*	*	*	*	*
8 Field Options								
A = Standard		*	*	*	*	*	*	*
9 Custom Options								
00 = Standard		*	*	*	*	*	*	*

Kollmorgen will add additional windings and lead options not necessarily included in this table but still covered by this Technical Notice.