Technical Notice

TBM and TBMS CE Certification

Kollmorgen has reviewed the CE requirements for marking the **TBM** and **TBMS** Frameless Motor product line. After review and consultation, it is determined that the TBM(S) 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:**
TBM and TBMS – Stator and rotor assemblies

**Series:**
Kollmorgen TBM and TBMS followed by numbers and letters.

**Models covered:**
TBM-60NN-xxx, TBM-76NN-xxx, TBMS-60NN-xxx, TBMS-76NN-xxx

**Manufacturer**
Kollmorgen Corporation

**Address:**
501 Main Street
Radford, VA 24141-4099

**Country:**
USA

**European Harmonized Standards**

**Low Voltage Directive:**
TBM and TBMS models covered operate at 48VDC or below so are not in scope of the Low Voltage Directive.

**EMC Directive:**
TBM and TBMS have no active components and are designed to meet the EMC requirements of EN 60034-1 Section 13.

**RoHS and REACH**
RoHS and REACH certificates are provided separately from this certificate.

CE mark is not applicable to the TBM and TBMS part set.

*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.*

Signed:  
Name: David Digby Empson  
Title: Product Compliance Team Leader  
12 July 2023

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

This technical notice does not cover TBM-129NN-xxx or TBMS-129NN-xxx models which operate at 100VDC.