

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.



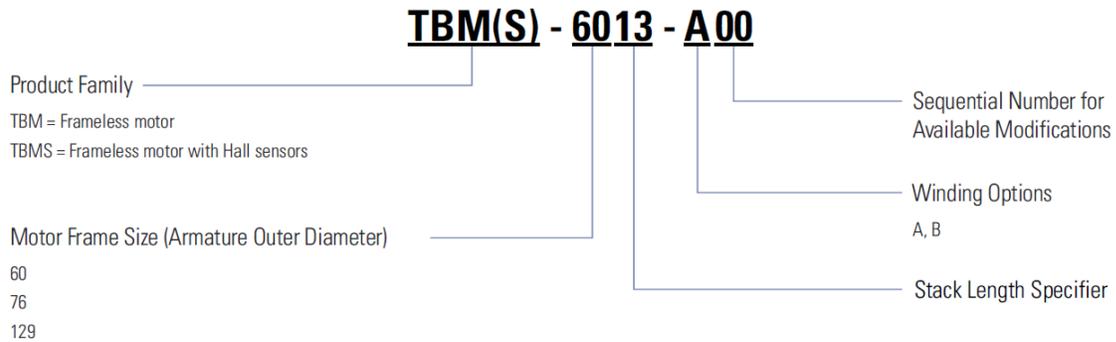
Signed:
Name: David Digby Empson 12 July 2023
Title: Product Compliance Team Leader

201 W. Rock Road
Radford, VA 24141
USA



TBM Frameless Motor Nomenclature

TBM Frameless Motor



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.