

## China Compulsory Product Certification

### Technical Notice for Kollmorgen Motion Control Products

Kollmorgen Motors used for motion control are excluded from the scope and requirements of the CCC Catalog 2023 edition.

#### Per section 11. Small power motors (0401)

*Excluding Motors for control purposes (such as servo motors, stepper motors, auto synchronous motors, rotary transformers, tach generators, induction shifters, etc.)*

Kollmorgen Motion Control Motors excluded from CCC scope:

**AKM, AKMA, AKMH, EKM, KEM and AKM2G** series Servo Motors – normal location models

**Goldline** series Servo Motors – normal location models

**DBL and DBK** series Servo Motors

**DDR and CDDR** Housed and Cartridge DDR series Servo Motors

**KBM, CBM, TBM, RBE, BLM, and TBM2G** series Frameless Servo Motors

**PMDC, STF, and QT DC Torque** series Brushed DC Motors – normal location models

**DDL** IC, ICD, IL series Linear Servo Motors.

**PMX** series Stepper Motors,

**PowerMax M & P** series Stepper Motors,

**PowerPac K & N** series Stepper Motors,

**CT, T2, T, KM, MH172, and E & H** series Stepper Motors

**SN3, SN4, KS, SS** series AC Synchronous Motors

**Servo and Stepper Drives** are not mentioned in CCC Catalog, so are out of scope.

**Servo Motor Power and Feedback Cables** used for motion control are out of scope.

Per **CNCA technical decision TC 28-2021-01**, Servo Motors **for use in hazardous locations** are within scope of CCC and must be certified to CCC Ex requirements. Other requirements of CCC are excluded for servo motors.

**Product Category: Explosion-proof electrical**

**Product Type and Code: Explosion-proof motor (2301)**

Kollmorgen Hazardous Location Products under scope:

**AKM** series Explosion Proof Servo Motors – hazardous location models. Sizes 1 to 7 **CCC Ex qualified**.

**Goldline** series Explosion Proof Servo Motors – hazardous location models.

**PMDC** series Explosion Proof DC Brushed Motors – hazardous location models.

**AC** series Explosion Proof Synchronous Motors – hazardous location models.

**MX** series Explosion Proof Stepper Motors.

**Manufacturer:** **Kollmorgen Corporation**

Address: 201 W Rock Rd

Radford, VA 24141-4099

Phone: 540 639-2495

Country: USA

Signed:



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Name: David Digby Empson

Title: Manager, Regulatory Compliance Engineering