



## Kollmorgen - CD Servostar CD Drives

### CB010550



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Warranty

The **CB010550** is a part of the **CD Servostar CD Drives Series** by **Kollmorgen**.


## Specifications

**Analog input range:**  $\pm 10$  V  
**Encoder types supported:** Incremental A/B/Z, A/B/Hall  
**Max line count per electrical cycle:** 10,000,000  
**Resolver DC resistance (stator):** 120  $\Omega$   
**Resolver transformation ratio:** 0.47  
**Last Verified:** 09/05/2025 3:16 PM

**Control loops:** Velocity, Current, Commutation  
**Hall sensor interface:** Differential or Open-collector  
**Max supply current:** 250 mA  
**Resolver input voltage:** 4.25 VAC  
**System voltage:** 5 VDC

**Encoder input freq:** 3 MHz (pre-quad), 12 MHz (post-quad)  
**Max cable length:** 15 m (50 ft) recommended V-regulator; wire-break & illegal Hall-code detect  
**Protection:**  
**Resolver output voltage:** 2 VAC  
**Velocity feedback resolution:** 12<sup>SPR</sup> 16 bit

## Contact Us

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## Shipping Options



## Payment Methods



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