

# BALL BEARING SENSOR ABSOLUTE



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With You

PRODUCT UNDER DEVELOPMENT



## MEASURE POSITION WITH A BALL BEARING INTEGRATION

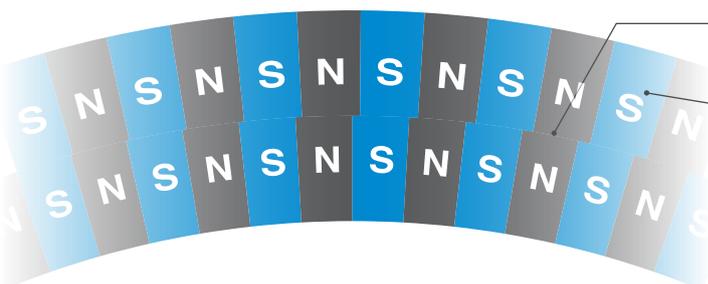
### COMPACT

- Ball bearing integration
- Hollow shaft

### TRUE POWER ON

- Complete information at power on
- No back-up batteries

## ABSOLUTE POSITION AT TRUE POWER ON HOW DOES IT WORK?



### Dual track reading:

**N** pole magnetic track

+

**N+1** pole magnetic track

=

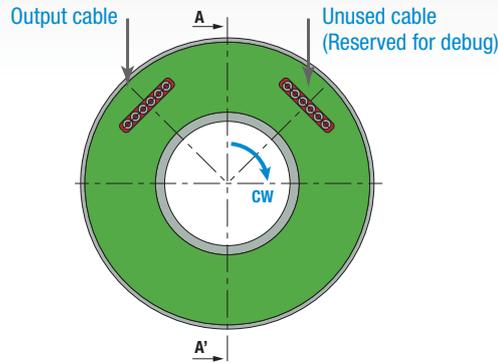
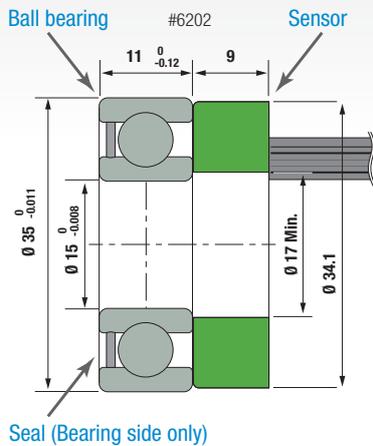
Recognizable magnetic offset between the two tracks

You get position information  
at instant power on



## CONFIGURATION

BBS	TYPE	BALL BEARING	OUTPUT
	ABL	6202(Ø15xØ35x11)	SPI, BiSS, SSI



## SPECIFICATION

- Absolute angle detection (one revolution)
- Resolution 18 bit
- Angle accuracy +/-0.2°
- Output SPI (or BiSS, SSI) communication, ABZ phase
- Bearing size 6202
- Sensor unit dimension: outer diameter 34 mm, width 9 mm

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