

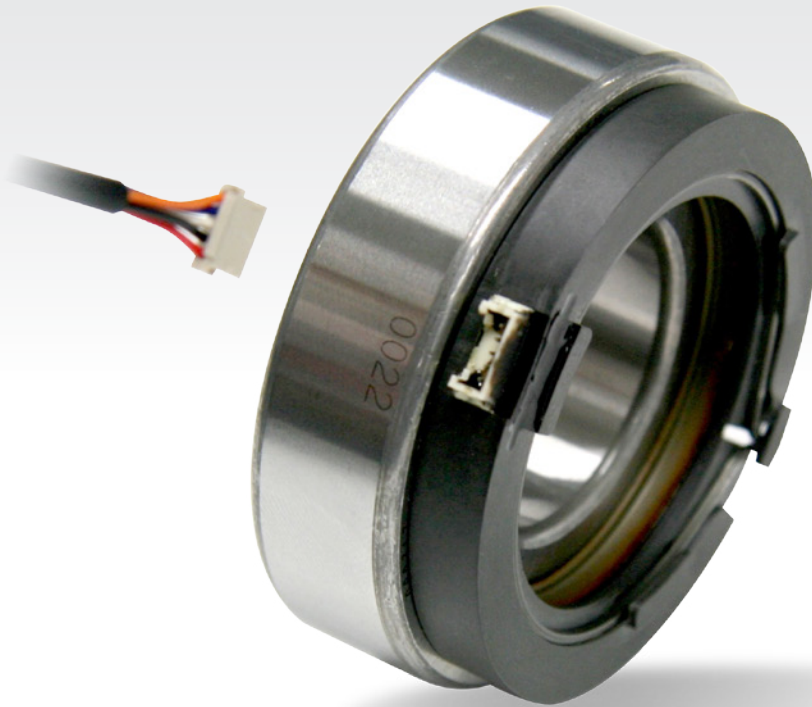
# BALL BEARING SENSOR PSEUDO - ABSOLUTE



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## GET SPEED & POSITION SENSING IN A BALL BEARING INTEGRATION

### INTEGRATED

- Ball bearing integration
- Hollow-shaft

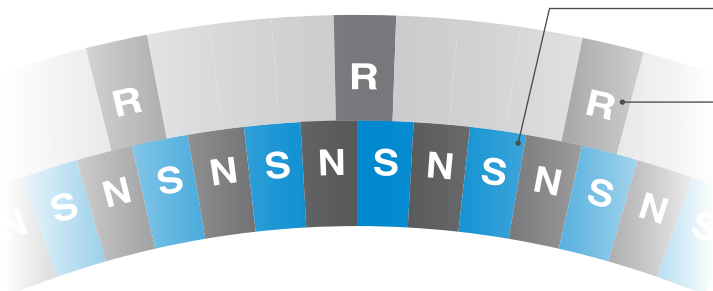
### HIGH RESOLUTION

- Smooth Control
- Even at low speed

### REFERENCE PULSE

- Additional magnetic information
- Servo-drive control

## PSEUDO-ABSOLUTE HOW DOES IT WORK?



### Dual track reading:

Incremental magnetic track



Reference pulse track



**Additional information**

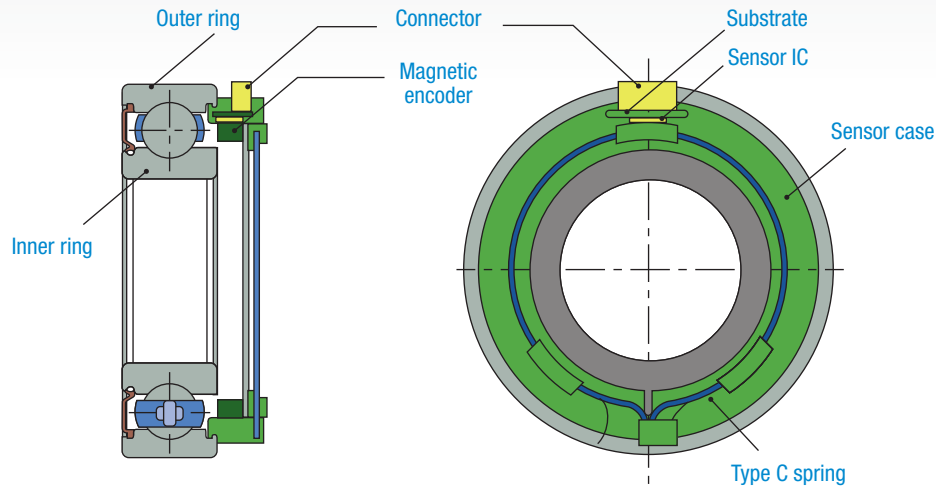
### Application:

- End position
- Motor control
- Referenced absolute positioning



## CONFIGURATION

BBS	TYPE	BALL BEARING	INTERPOLATION
	INC, P-ABL	6206 (Ø30×Ø62×16)	x1, x2, x4, x5, x8, x10, x16, x20, x32, x40



## SPECIFICATION

- Input Voltage : 5V +/- 10%
- Output signal : ABZ, 2 push-pull square wave signals (AB) with reference pulse (Z)
- Number of pole pairs : 64
- Max resolution : 2560 ppr in AB, 1280 in ABZ
- Operating Temperature : -40 to +120°C
- Maximum frequency input : 5kHz
- Acquired certification : AEC-Q100

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