BBS

BALL BEARING SENSOR
PSEUDO - ABSOLUTE

NTN SNR

www.ntn-snr.com

With You

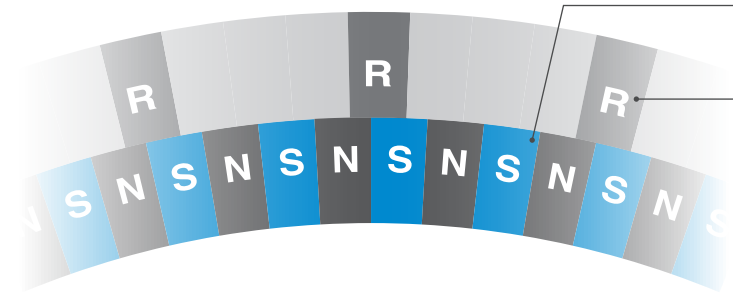
MEASURE SPEED & POSITION
WITH A BALL BEARING INTEGRATION

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

=

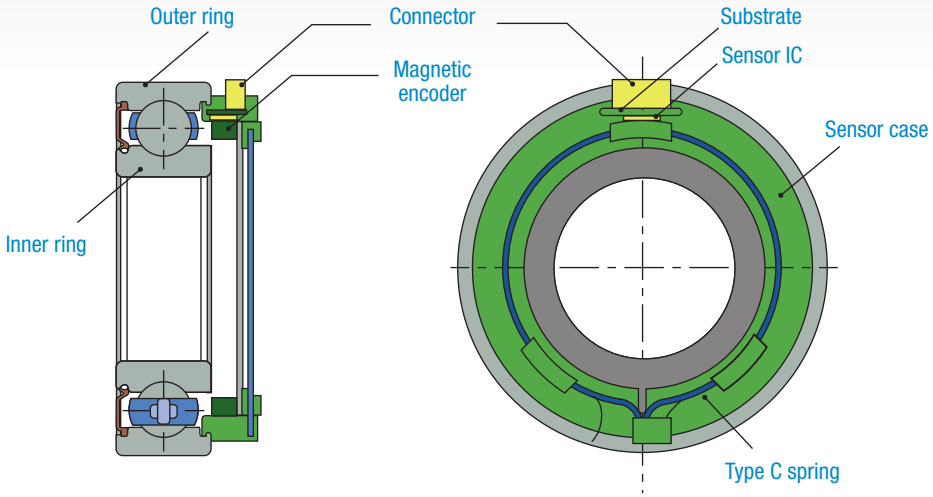
Additional information

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

Contact us:
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