

BALL BEARING SENSOR PSEUDO - ABSOLUTE



www.ntn-snr.com



With You



MEASURE SPEED & POSITION WITH A BALL BEARING INTEGRATION

INTEGRATED

- Ball bearing integration
- Hollow-shaft

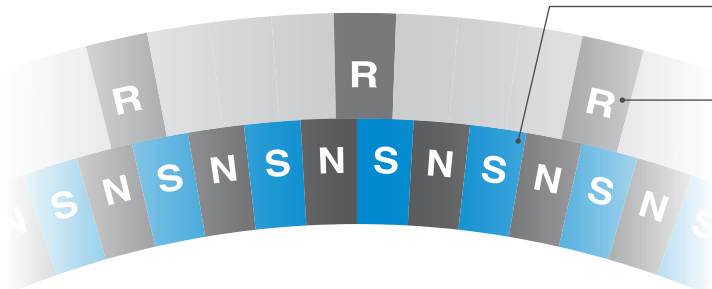
HIGH RESOLUTION

- 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

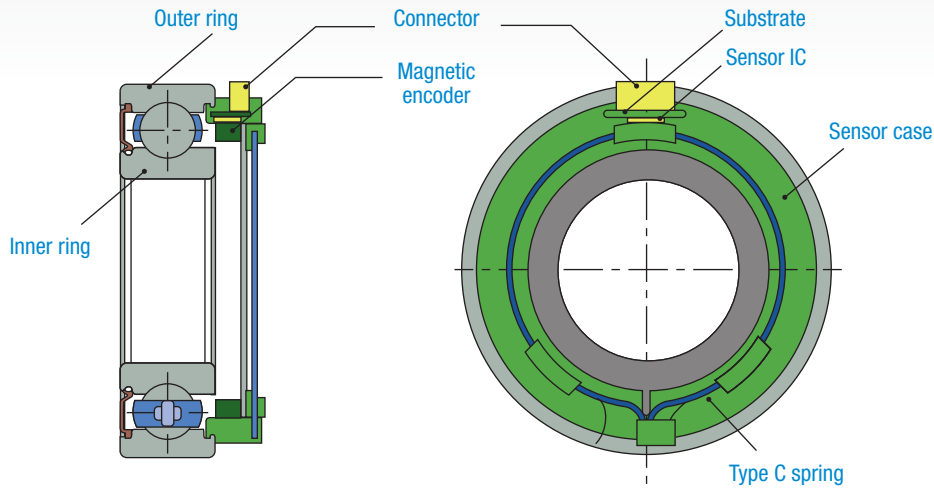
Application:

- 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

This document is the exclusive property of NTN-SNR ROULEMENTS. Any total or partial reproduction hereof without the prior consent of NTN-SNR ROULEMENTS is strictly prohibited. Legal action may be brought against anyone breaching the terms of this paragraph.

NTN-SNR ROULEMENTS shall not be held liable for any errors or omissions that may have crept into this document despite the care taken in drafting it. Due to our policy of continuous research and development, we reserve the right to make changes without notice to all or part of the products and specifications mentioned in this document.

© NTN-SNR ROULEMENTS, international copyright 2018.

NTN-SNR ROULEMENTS - 1 rue des usines - 74000 Annecy
RCS ANNECY B 325 821 072 - Code APE 2815Z - Code NACE 28.15
www.ntn-snr.com

Contact us:

mechatronics.industry@ntn-snr.fr



With You

