Ball bearing integration
Hollow-shaft

High Resolution
- Smooth Control
- Even at low speed

Reference Pulse
- Additional magnetic information
- Servo-drive control

Measure speed & position with a ball bearing integration

Integreated
- 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

<table>
<thead>
<tr>
<th>BBS</th>
<th>TYPE</th>
<th>BALL BEARING</th>
<th>INTERPOLATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>INC, P-ABL</td>
<td>6206 (Ø30×62×16)</td>
<td>x1, x2, x4, x5, x8, x10, x16, x20, x32, x40</td>
<td></td>
</tr>
</tbody>
</table>

### 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