BALL BEARING SENSOR
ABSOLUTE

The perfect innovation for a better production

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

<table>
<thead>
<tr>
<th>BBS</th>
<th>TYPE</th>
<th>BALL BEARING</th>
<th>OUTPUT</th>
</tr>
</thead>
<tbody>
<tr>
<td>BBS</td>
<td>ABL</td>
<td>6202(015x035x11)</td>
<td>SPI, BiSS, SSI</td>
</tr>
</tbody>
</table>

### 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