

# EBS.R-2R092.B048.N10.H0057

Magnetic ring for bearingless encoder

Article number: 11724877

Preliminary

## Overview

- 2 mm pitch with reference track
- 92 poles on an outside diameter of 56,5 mm
- For cost-efficient bonding
- For 48 mm shaft diameter



Picture similar

## Technical data

### Technical data

Dimensions	ø56.5 x 10 mm
Bore	ø48 mm
Sensing	Radial magnetic ring
Pitch	2 mm (nominal)
Magnetization	Incremental with reference track
Number of poles	92
Mounting type	Bonding
Operating speed	≤10000 rpm

### Technical data

Operating temperature	-40...+110 °C
Rotor moment of inertia	230 gcm <sup>2</sup>
Weight approx.	33 g
Material	Ferrite sintered
Relative humidity	95 %
Resistance	EN 60068-2-6 Vibration 30 g, 10-2000 Hz EN 60068-2-27 Shock 500 g, 1 ms
Coercitivity approx.	135 kA/m (20 °C)

## Dimensions

