

# RFID-Rundantenne ID 200/A-HR, 13,56 MHz, IP67 - Bosch Rexroth 3842410063

**Item no.** BRR-3842410063 **Manufacturer** Bosch Rexroth

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The round RFID antenna ID 200/A-HR reads and writes mobile data carriers MDT...H in the high-frequency range (13.56 MHz). Its round design is especially suited to data carriers mounted on the underside of workpiece pallets. It is operated on a communication module, which also supplies its voltage.

## TECHNICAL DATA

Article authenticity	<b>Original product</b>
Condition of article	<b>New</b>
ESD-Ausführung	<b>TEC</b>
Weight	<b>0.0099 kg</b>
Zolltarifnummer	<b>85177100</b>



## STANDARDS & COMPLIANCE

**ESD safe** EN 60068-2-29

## DESCRIPTION

The antenna ID 200/A-HR is a round RFID antenna for reading and writing mobile data carriers MDT...H in the high-frequency range (13.56 MHz). The round design is particularly suited to data carriers mounted on the underside of workpiece pallets. The antenna is operated on a communication module and is supplied with voltage from it.

- Round design for data carriers on the workpiece pallet underside
- IP67 protection for use in harsh industrial environments
- Status indication via LED in orange/green
- Other mounting situations possible with suitable assembly kits

## Technical data

Transmission frequency	13.56 MHz
Write/read distance, static	35 mm
Write/read distance, dynamic	30 mm (at v = 20 m/min)

Min. distance between two antennas (multiplex)	30 mm
Min. distance between two antennas (simultaneous)	80 mm
Operating voltage	24 V DC (from communication module)
Status indicator	LED orange/green
Protection class	IP67
Housing material	PBT/stainless steel
Ambient temperature	-25 ... +70 °C
Storage temperature	-40 ... +85 °C
Humidity	max. 96%
Vibration resistance	1 mm (10 ... 55 Hz); 5 g (10 ... 2000 Hz)
Shock and impact resistance	30 g/11 ms, 18 cycles (EN 60068-2-29)
Mass	0.1 kg