GIVI MISURE

MEGATRON AG
FERROXCUBE DISTRIBUTOR FOR MAGNETIC COMPONENTS

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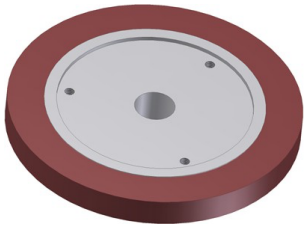
Code	Project	Release	
ST31	***A25-B***	***B***	***TECHNICAL DATASHEET***

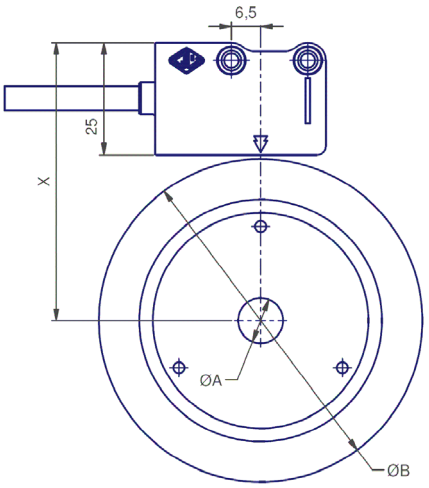
MAGNETIC RING MR200

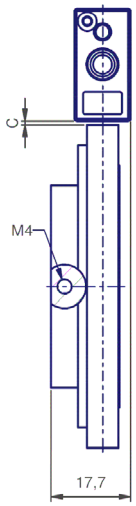
GENERAL FEATURES

MAGNETIC RING MR200 made of magnetized ferrite ring with pole pitch of 2+2 mm. It is mounted on an aluminium flange for an easy application on the machine.

To be used with magnetic sensor
MTS MxxxC, MTV MxxxC or MTR MxxxC.







X = øB/2 + C + 25

C = 0.3 ÷ 1.5

øB = 38 - 48.7 - 72

DIMENSIONS IN mm

MECHANICAL CHARACTERISTICS

Pole pitch	2+2 mm		
System accuracy	ø38	ø48.7	ø72
	± 0.09°	± 0.07°	± 0.05°
Measuring range	360°		
Operating temperature	0 °C ÷ 70 °C		
Storage temperature	-20 °C ÷ 80 °C		

ORDERING CODE

MODEL	POLE PITCH	EXTERNAL DIAMETER (B)	MOUNTING DIAMETER (A)	NUMBER OF POLES
MR	**200**	**72**	**10**	**114**

200 = 2+2 mm

38 = 38 mm
48.7 = 48.7 mm
72 = 72 mm

10 = ø 10 standard
Others on request

060 = 60 poles (ø 38)
076 = 76 poles (ø 48.7)
114 = 114 poles (ø 72)

Example 👉 **MAGNETIC RING MR200 72 10 114**

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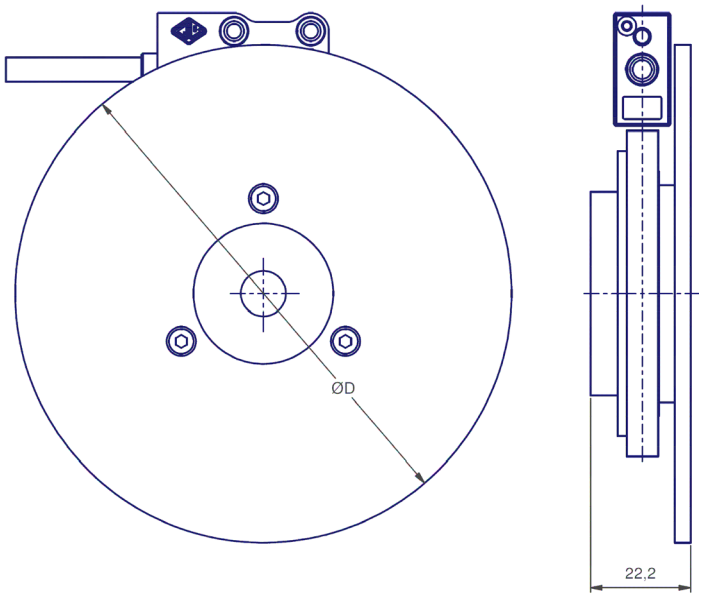
EXTERNAL ZERO REFERENCE FOR MAGNETIC RING

To be used with magnetic sensor
MTS MxxxE, MTV MxxxE or MTR MxxxE.



Ø RING (mm)	**Ø D** (mm)
38	76
48.7	86
72	110

ORDERING CODE

MODEL	EXTERNAL DIAMETER MR
SME010MR	**72**

38 = 38 mm
48.7 = 48.7 mm
72 = 72 mm

Example 👉 **EXTERNAL ZERO REFERENCE SME010MR 72**

INSTALLATION AND HANDLING

1. Fix the flange to the shaft with the dowel provided.
2. Align the magnetic sensor to the flange magnetic area.
3. Do not expose the ferrite ring to magnetic fields.