

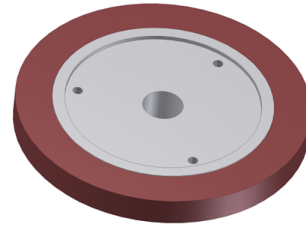
Code ST31	Project A25-B	Release B	TECHNICAL DATASHEET
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MAGNETIC RING MR200

GENERAL FEATURES

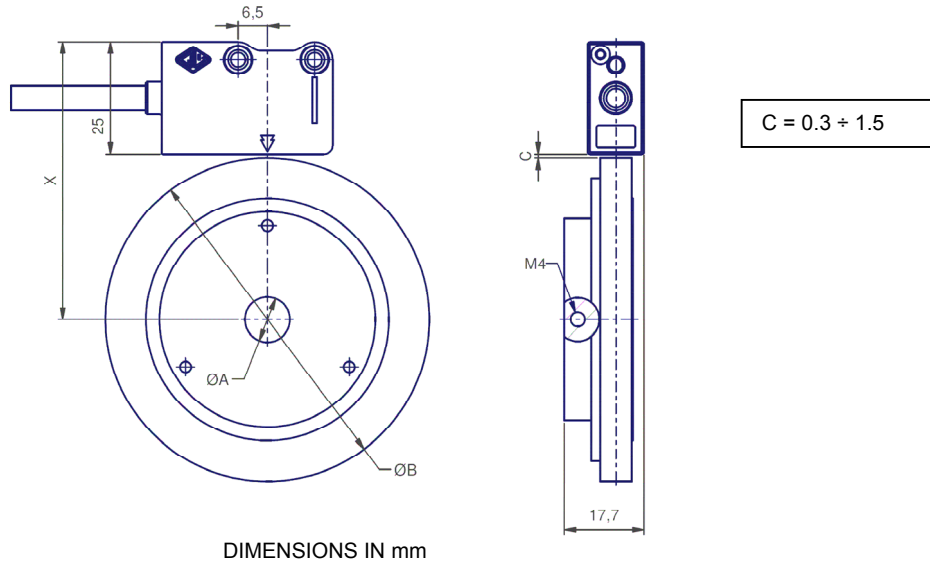
MAGNETIC RING MR200 made of magnetized ferrite ring with pole pitch of 2+2 mm. It is mounted on an aluminium flange for an easy application on the machine.

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



$$X = \varnothing B / 2 + C + 25$$

$$\varnothing B = 38 - 48.7 - 72$$



MECHANICAL CHARACTERISTICS

Pole pitch	2+2 mm		
System accuracy	$\varnothing 38$	$\varnothing 48.7$	$\varnothing 72$
	$\pm 0.09^\circ$	$\pm 0.07^\circ$	$\pm 0.05^\circ$
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 = $\varnothing 10$ standard
 Others on request

060 = 60 poles ($\varnothing 38$)
 076 = 76 poles ($\varnothing 48.7$)
 114 = 114 poles ($\varnothing 72$)

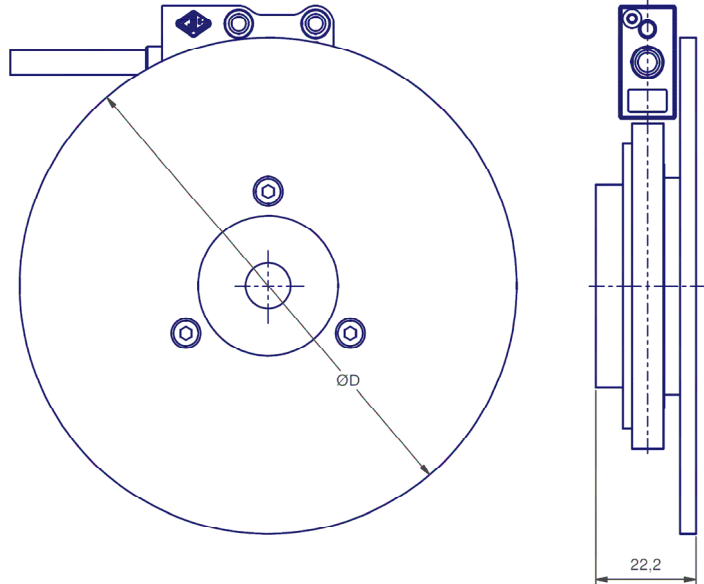
Example **MAGNETIC RING MR200 72 10 114**

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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.