



# BEF-MR10500AK-A

Measuring wheels

MEASURING WHEELS AND MEASURING WHEEL MECHANICS

**SICK**  
Sensor Intelligence.



### Ordering information

Type	part no.
BEF-MR10500AK-A	2125732

Other models and accessories → [www.sick.com/Measuring\\_wheels](http://www.sick.com/Measuring_wheels)

### Detailed technical data

#### Features

<b>Product segment</b>	Measuring wheels and measuring wheel mechanics
<b>Product</b>	Measuring wheels
<b>Description</b>	Aluminum measuring wheel with cross knurled surface for solid shaft 10 mm, circumference 500 mm +/-0,2 mm (circumferential tolerance at 20 °C. Circumferential tolerance depends on the temperature coefficient of the material)
<b>Circumference</b>	500 mm
<b>Inner diameter</b>	10 mm
<b>Characteristics of the measuring wheel surface</b>	Cross knurled aluminium
<b>Product version</b>	Measuring wheel
<b>Bore diameter</b>	10 mm
<b>Operating temperature</b>	-30 °C ... +80 °C

#### Classifications

<b>ECLASS 5.0</b>	21160104
<b>ECLASS 5.1.4</b>	21160104
<b>ECLASS 6.0</b>	21160104
<b>ECLASS 6.2</b>	21160104
<b>ECLASS 7.0</b>	21160104
<b>ECLASS 8.0</b>	21160104
<b>ECLASS 8.1</b>	21160104
<b>ECLASS 9.0</b>	21160104
<b>ECLASS 10.0</b>	21160104
<b>ECLASS 11.0</b>	21160104
<b>ECLASS 12.0</b>	21160104
<b>ETIM 5.0</b>	EC002179
<b>ETIM 6.0</b>	EC002179
<b>ETIM 7.0</b>	EC002179
<b>ETIM 8.0</b>	EC002179

UNSPSC 16.0901

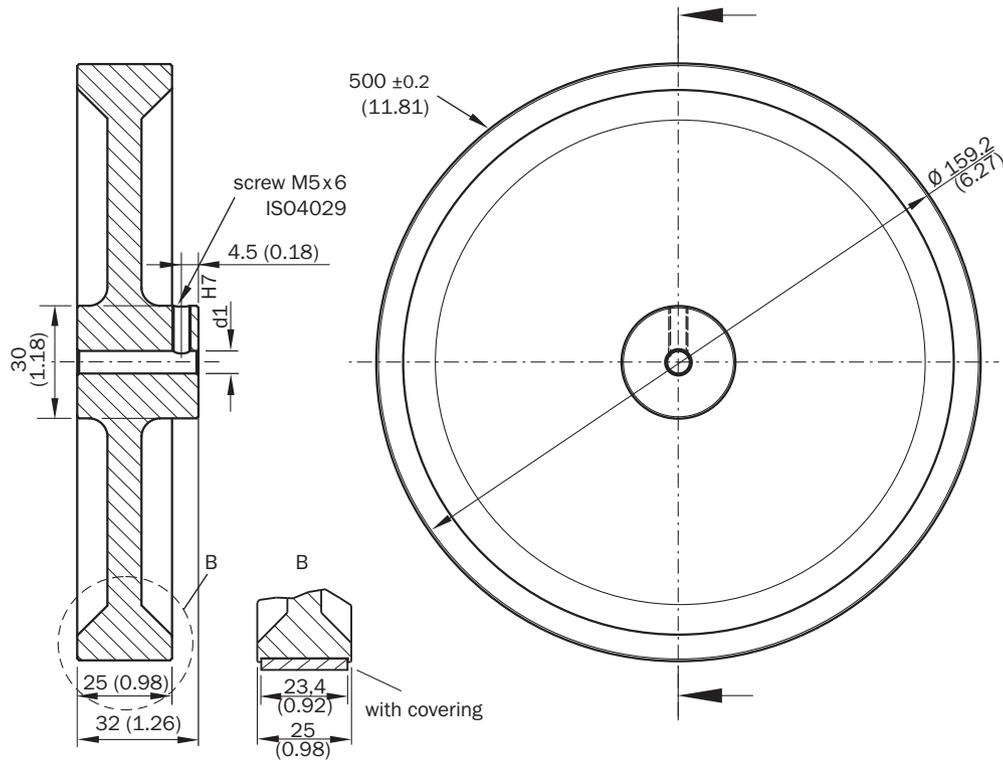
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Certificates

China RoHS

✓

Dimensional drawing



Dimensions in mm (inch)

## SICK AT A GLANCE

SICK is one of the leading manufacturers of intelligent sensors and sensor solutions for industrial applications. A unique range of products and services creates the perfect basis for controlling processes securely and efficiently, protecting individuals from accidents and preventing damage to the environment.

We have extensive experience in a wide range of industries and understand their processes and requirements. With intelligent sensors, we can deliver exactly what our customers need. In application centers in Europe, Asia and North America, system solutions are tested and optimized in accordance with customer specifications. All this makes us a reliable supplier and development partner.

Comprehensive services complete our offering: SICK LifeTime Services provide support throughout the machine life cycle and ensure safety and productivity.

For us, that is “Sensor Intelligence.”

## WORLDWIDE PRESENCE:

Contacts and other locations –[www.sick.com](http://www.sick.com)