

Product Document

Magnet Specification

AS501x

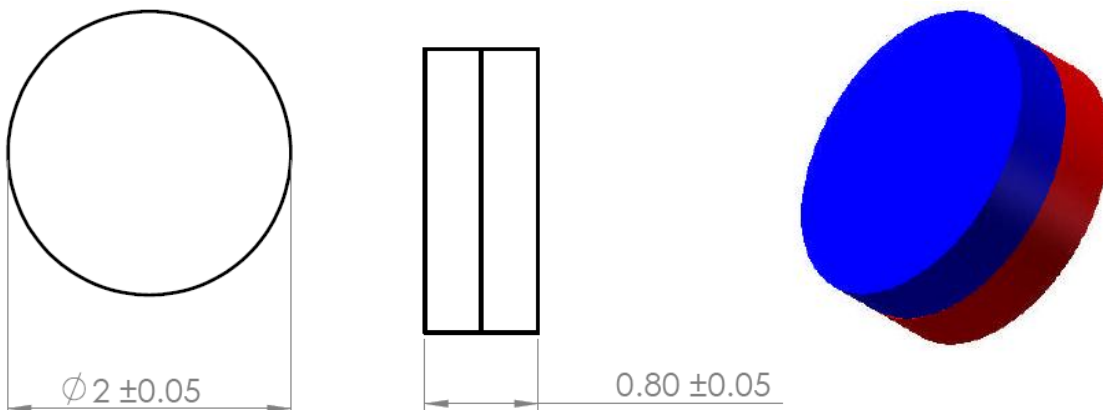
Axial Magnet MA2H-1

1 General

This specification defines the dimensional and magnetic properties of an axial magnet for use with the AS5013 two-dimensional magnetic position sensor.

Material: NdFeB sintered magnet, Ni-coated

2 Dimensional Specification (mm)



3 Magnet Specification

Parameter	Note
Article Nr	603221
Br (T)	1.17 / 1.21
Rev. Temp (ca. %K)	-0.11
HcB (kA/m)	836 / 891
HcJ (kA/m)	> 1353
BH max (kJ/m ³)	263 / 279
Max temperature (°C)	120
Density (g/cm ³)	7.5



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