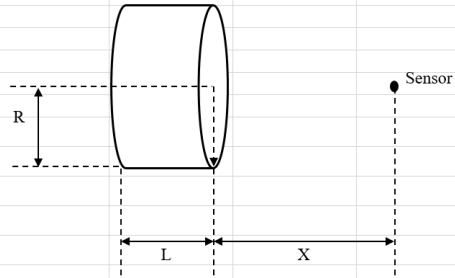


Flux Density Calculator for Plain Disc Magnets

Directions: Fill in the shaded boxes with the Br for the magnet material, the dimensions of the magnet, and the distance from the magnet to the sensor element. The dimensions can be in any units. The resulting field strength at the sensor element, at a temperature of 25C, is calculated.

Br (Select from Table Below)	13800
L (Length of Magnet)	0.50
R (Radius of Magnet)	1.50
X (Distance from face of magnet to sensor element)	10.00
Field Strength at Sensor Element (Oe *)	6.991
* In air ($\mu_o = 1$), Gauss = Oe	

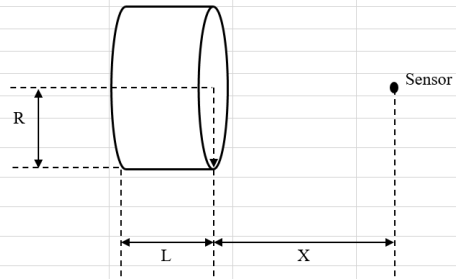


1.5*0.5 10mm

Flux Density Calculator for Plain Disc Magnets

Directions: Fill in the shaded boxes with the Br for the magnet material, the dimensions of the magnet, and the distance from the magnet to the sensor element. The dimensions can be in any units. The resulting field strength at the sensor element, at a temperature of 25C, is calculated.

Br (Select from Table Below)	13800
L (Length of Magnet)	0.50
R (Radius of Magnet)	1.50
X (Distance from face of magnet to sensor element)	12.00
Field Strength at Sensor Element (Oe *)	4.133
* In air ($\mu_o = 1$), Gauss = Oe	



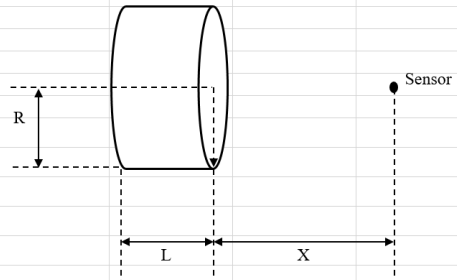
1.5*0.5 12mm

Flux Density Calculator for Plain Disc Magnets

Directions: Fill in the shaded boxes with the Br for the magnet material, the dimensions of the magnet, and the distance from the magnet to the sensor element. The dimensions can be in any units. The resulting field strength at the sensor element, at a temperature of 25C, is calculated.

Br (Select from Table Below)	13800
L (Length of Magnet)	0.50
R (Radius of Magnet)	1.00
X (Distance from face of magnet to sensor element)	10.00
Field Strength at Sensor Element (Oe *)	3.162

* In air ($\mu_0 = 1$), Gauss = Oe



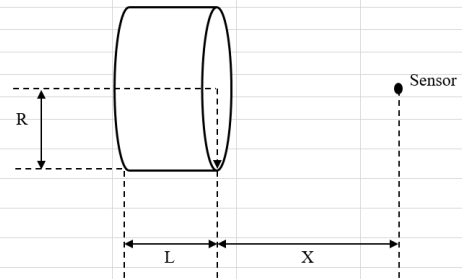
1*0.5 10mm

Flux Density Calculator for Plain Disc Magnets

Directions: Fill in the shaded boxes with the Br for the magnet material, the dimensions of the magnet, and the distance from the magnet to the sensor element. The dimensions can be in any units. The resulting field strength at the sensor element, at a temperature of 25C, is calculated.

Br (Select from Table Below)	13800
L (Length of Magnet)	0.50
R (Radius of Magnet)	1.00
X (Distance from face of magnet to sensor element)	12.00
Field Strength at Sensor Element (Oe *)	1.860

* In air ($\mu_0 = 1$), Gauss = Oe



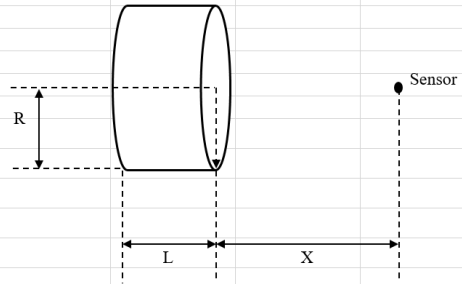
1*0.5 12mm

Flux Density Calculator for Plain Disc Magnets

Directions: Fill in the shaded boxes with the Br for the magnet material, the dimensions of the magnet, and the distance from the magnet to the sensor element. The dimensions can be in any units. The resulting field strength at the sensor element, at a temperature of 25C, is calculated.

Br (Select from Table Below)	13800
L (Length of Magnet)	0.50
R (Radius of Magnet)	0.50
X (Distance from face of magnet to sensor element)	10.00
Field Strength at Sensor Element (Oe *)	0.799

* In air ($\mu_0 = 1$), Gauss = Oe



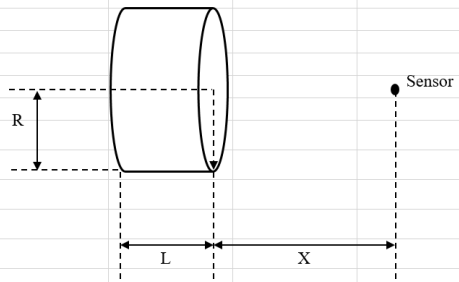
0.5*0.5 10mm

Flux Density Calculator for Plain Disc Magnets

Directions: Fill in the shaded boxes with the Br for the magnet material, the dimensions of the magnet, and the distance from the magnet to the sensor element. The dimensions can be in any units. The resulting field strength at the sensor element, at a temperature of 25C, is calculated.

Br (Select from Table Below)	13800
L (Length of Magnet)	0.50
R (Radius of Magnet)	0.50
X (Distance from face of magnet to sensor element)	12.00
Field Strength at Sensor Element (Oe *)	0.468

* In air ($\mu_0 = 1$), Gauss = Oe



0.5*0.5 12mm