

RM-01-020

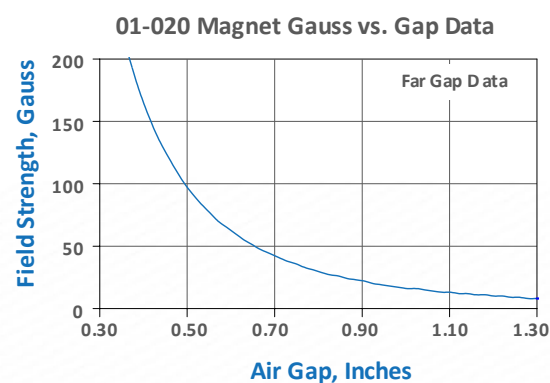
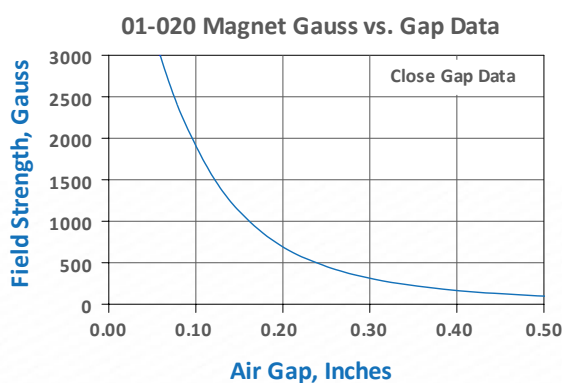
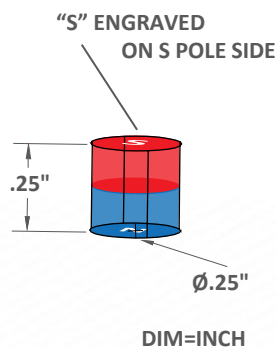
Magnet for Position and Speed Sensors

- Plated Magnet, Cylinder
- Magnet, NEO 35 SH, Nickel Plating
- 0.250" Diameter, 0.250" Long
- South Pole Engraved with "S"

CUSTOMER FOCUSED ENGINEERING + MODULAR DESIGN

Part Description: **RM-01-020**

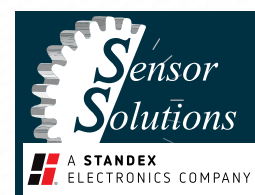
Target Type	Magnet Type	Grade & Dimensions
RM are radial magnetized bare magnets	Neodymium	NEO 35, 0.250" Diameter, 0.250" Long

Need a Custom Sensor Solution?... Send us your application specific requirements at sensorso.com


Material Specs (25°C) 300-01-020 NEO 35 SH	Typ	Min
Processing Type	Sintered	
BR Gauss	12,000	11,700
HC Oersted	11,500	11,000
HCI Oersted	-	21,000
BH Max MGOE	35	33
BR Temp CO (%/°C)	-0.10	-
Recoil Perm. (UREC)	-	-
TC Curie Temp (°C)	310	-
Max Operating Temp (°C)	150	-
Plating, NI (Mils)	0.4-0.7	0.4

NOTES

- Orient magnet per sensor requirements
- Refer to sensor specifications sheet to determine operate gap range
- The presence of ferrous metals near the magnet effects field strength at sensor location
- Contact Sensor Solutions to discuss custom sensor and magnet requirements for your application



RM-01-071

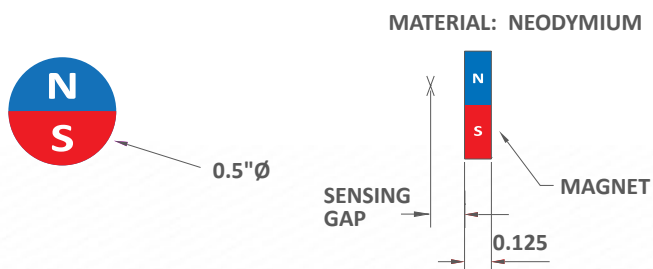
Magnet for Angle Position Sensor

- Radial Bare Magnet
- 0.500" Diameter, 0.125" Long
- North & South Poles Marked

CUSTOMER FOCUSED ENGINEERING + MODULAR DESIGN

Part Description: **RM-01-071**

Target Type	Magnet Part No.	Dimensions
RM are radial magnetized bare magnets	01	0.500" Diameter, 0.125" Long

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NOTES

- Accuracy decreased when sensor is in extended gap range
- Refer to sensor specifications sheet to determine sensor orientation
- Use non-magnetic mounting hardware when installing

DETECTION GAP RANGE SENSOR TO SURFACE	ACCURATE			EXTENDED		
	Min	Typ	Max	Min	Typ	Max
APSV	TBD	TBD	TBD	TBD	-	TBD
APS045, APS090	0.11"	0.135"	0.16"	0.0"	-	1.16"
APS180, APSxxx	0.11"	0.135"	0.16"	0.0"	-	1.16"

