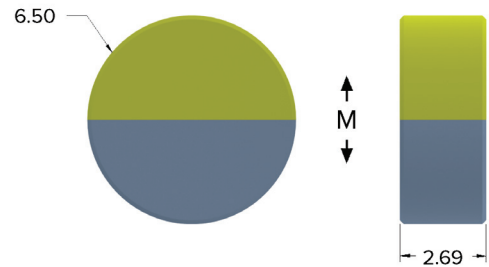


Diametric Disc Magnet 6312002

DEXTER BENEFITS AT A GLANCE:

- > ISO: 9001:2008
- > AS9100C
- > RoHS Compliant
- > Clean Room Class 10000 (ISO7)
- > Patented Magnetic Technology
- > Flexible Manufacturing
- > Magnet and Sensor Integration

Magnet Characteristics		
Material		SmCo
Coating		None
Diameter (ø)	mm	6.50 +/- 0.05
Thickness (T)	mm	2.69 +/- 0.05
Density (ρ)	g/cm ³	8.4
Mass	g	0.75



Applications & Compatible Encoders

Rotary Movement	Rotary Triaxis
US1881ESE-TR	MLX90316KDC-BCG
US1881EUA	MLX90316EGO-BCG
US1881EUA-BU	MLX90316KDC-BCG-SPI
US1881LUA-BU	MLX90316KDC-TR
US2881EUA-BU	MLX90360
US2881LSE-TR	MLX90324
AS5030-ATST	

ABOUT DEXTER

Dexter Magnetic Technologies is the global leader in specification, design and fabrication of magnetic products and assemblies. Since its founding in 1951, solutions designed by Dexter have and continue to positively impact our world daily – from life-saving medical devices to intelligent optics.

As the essential magnetic system partner, our teams of engineers and support staff are dedicated to delivering innovative technological solutions and services through a powerful combination of engineering and manufacturing expertise.



*See application sheet for more information

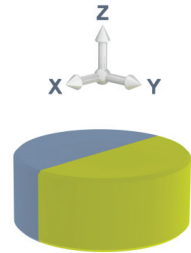
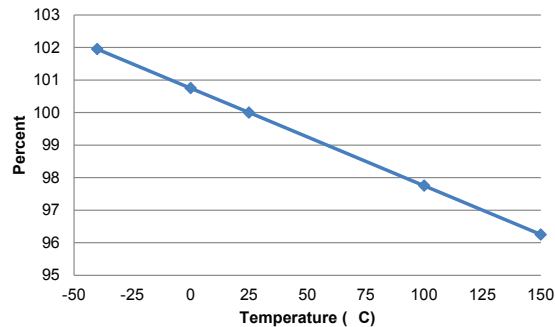
Diametric Disc Magnet 6312002

Performance Characteristics

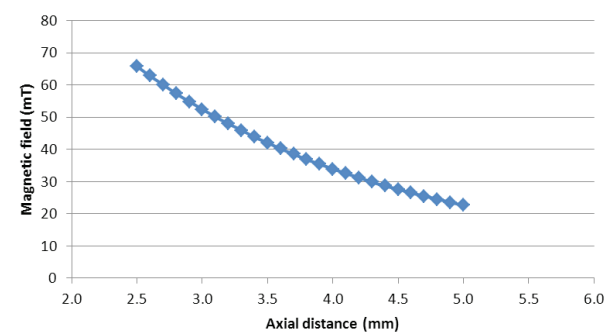
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Magnetic Field Strength vs. Temperature - Normalized, 25°C=100%



Magnetic Field Strength vs. Distance

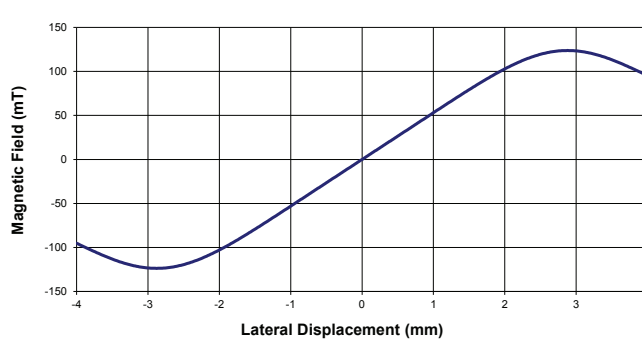


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Magnetic Field Variation vs. Lateral Displacement



Magnetic Field Variation vs. Tilting Angle

