

RHR-2T-10

High Magnetic Field Permanent Magnet Assembly

BFLUX TECHNOLOGY®



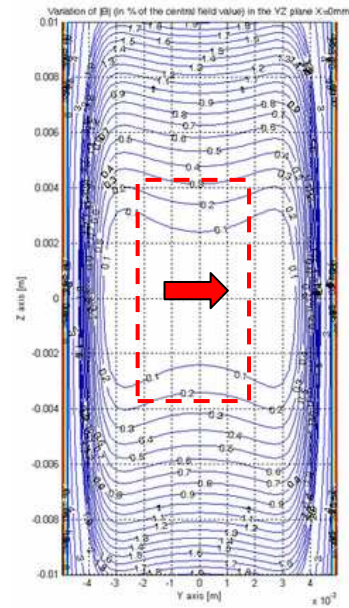
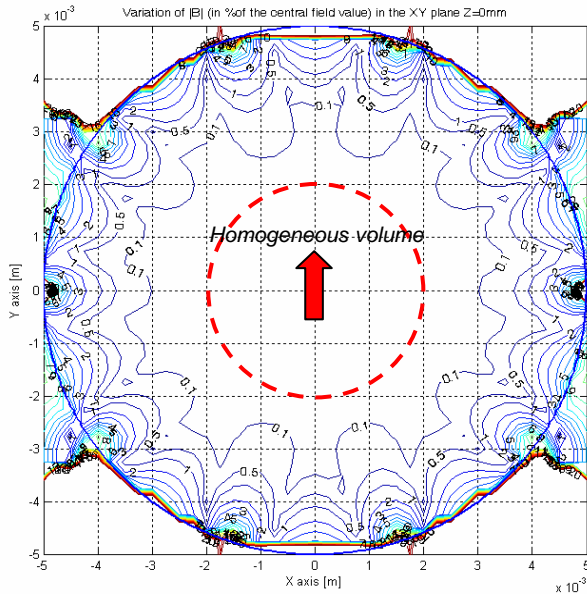
TECHNICAL SPECIFICATION : RHR-2T - 10	
Part Number	RHR-2T-10
Magnetic field at the centre	≥ 2 Tesla (at 20 °C)
Inner diameter	Ø 10 mm (easy fit for a Ø8 mm rod)
Field direction	Transverse
Homogeneous volume	Centred cylinder Ø4 x 8 mm
Homogeneity within this volume	+/- 0.5%
Magnetic material	Sintered NdFeB
Operating temperature	5-50 deg C
Temperature coefficient	-0.2% / °C
Finish	Epoxy paint
Casing material	Aluminium
Mounting direction	Any
Dimension	
Outer diameter	Ø 95 mm (maximum)
Height	75 mm (maximum)
Weight	~3 kg
Shipping weight	5 kg
Shipping dimension	54 x 32x 25 cm

This compact cylindrical magnet assembly is designed to produce a large radial and uniform dipole field at the centre of the cylinder. It is made of an optimised arrangement of NdFeB magnet pieces. It produces a very high flux in a compact design. The field generated is permanent, and does not require any power supply.

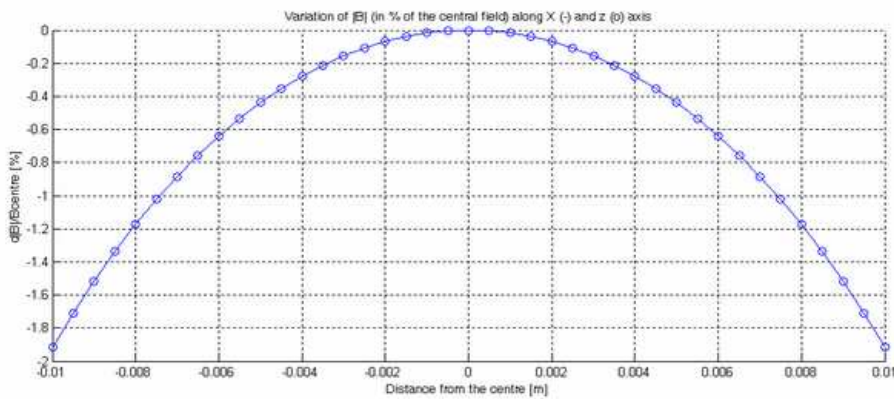


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INSIDE THE MAGNET: XY and YZ PLANE



Z AXIS



STRAY FIELD

