

Data sheet for Magnet used with austriamicrosystems AS5000-Series magnetische Rotary Encoder Familie

Type: NdFeB sintered magnet
 Quality: BMN-35H
 Dimension: Ø6 x 2.5 mm, tolerances ±0.1 mm
 Execution: diametral magnetized, Ni-coated
 Remark: magnets are available ex our warehouse

Magnetic properties:

Quality	Remanence		Coercitivity			max. Energy Product		max. working
	Br		HcB		HcJ	(BH)max		temperature
	T		kA/m		kA/m	kJ/m		Tw*
	kGs		kOe		kOe	MGOe		(L/D=0.7)
	Nom	Min	Nom	Min		Nom	Min	°C
BMN-35H	1.21	1.17	907	860	>1353	279	263	120
	12.1	11.7	11.4	10.8	>17	35	33	

Demagnetization curve:

