

Data Sheet for Magnet used with austriamicrosystems AS5000-Series Magnetic Rotary Encoder Family

Type: NdFeB sintered magnet, our article no. 601803

Quality: BMN-35H

Dimension: Ø8 x 2.5 mm, tolerances ±0.1 mm

Execution: axially magnetized, Ni-coated

Remark: magnets are available ex-warehouse

Magnetic properties:

Quality	Remanence		Coercitivity			max. Energy Product		max. working temperature
	Br		HcB		HcJ	(BH)max		
	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:

