

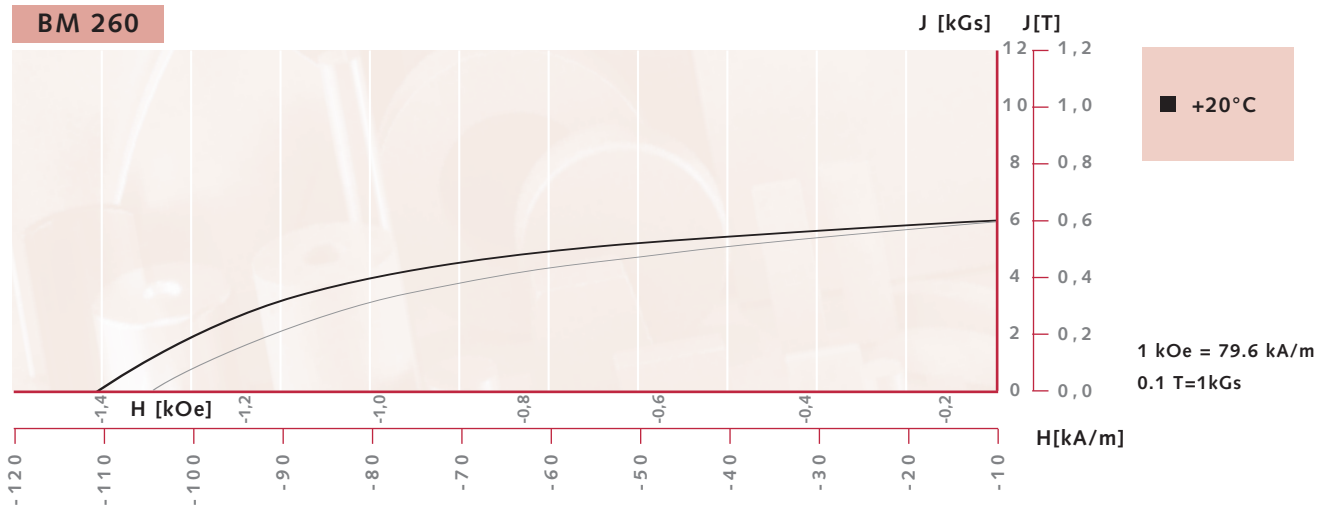
ALNICO MAGNETIC MATERIAL

MAGNETIC PROPERTIES								
Name	Remanence Br (kG)	Remanence Br (mT)	Normal coercivity -HcB (kOe)	Normal coercivity -HcB (kA/m)	Intrinsic coercivity -HcJ (kOe)	Intrinsic coercivity -HcJ (kA/m)	Max. energy product (B-H)max (MGOe)	Max. energy product (B-H)max KJ/m <sup>3</sup>
BM 260	6.1	610	1.3	100	1.38	110	2.4	19
BM 450	8.5	850	1.3	100	1.38	110	4.5	36
BM 500	11.6	1160	0.6	48	0.63	50	4.4	35

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MAGNETIC PROPERTIES								
Name	Temperature coeff. of Br. %/°C	Temperature coeff. of HcJ. %/°C	Density g/cm <sup>3</sup>	Relative recoil permeability $\mu$ rev	Curie temperature °C	Continuous maximum operating temp. °C	Recommended magnetising field kOe	Recommended magnetising field kA/m
BM 260	-0.02		7.2	3	860	500	800	64
BM 450	-0.02		7.2	3	850	500	800	64
BM 500	-0.02		7.2	4	860	500	500	40

BM 260



TOLERANCES ALNICO MAGNETS

Bakker Magnetics is able to guarantee valid tolerances for raw magnets (DIN 17410). Desired tolerances are obtainable on demand and if requested, we can deviate from our standard tolerances.

Remaining demagnetization curves and data of material not shown, are obtainable on request.

