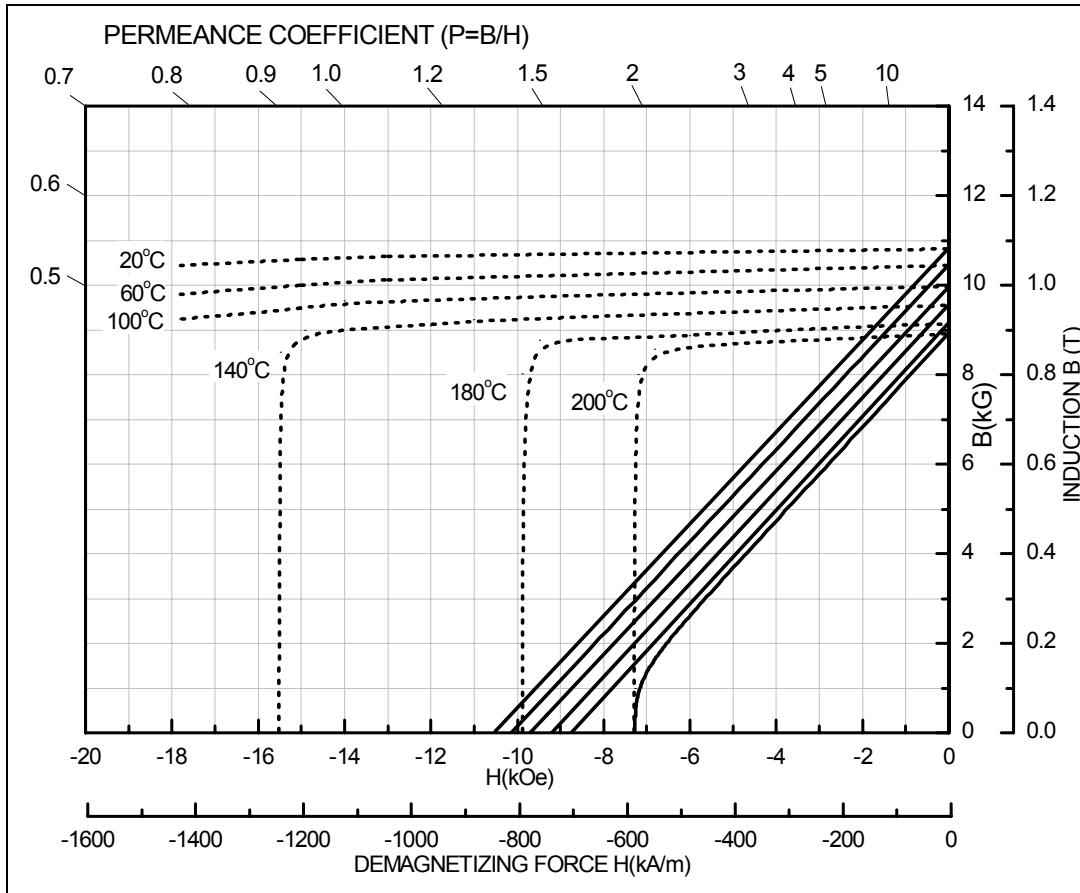


Quality BMJH-28EHR



Magnetic Properties BMJH-28EHR		at 20° C	at 200° C
Remanence Br	min. mT	1040	957
	nom. mT	1080	994
Rev.temp.coeff. of Br	approx. %K	-0.11	
Coercivity of field	BHc kA/m min.	783	563
	BHc kA/m nom.	813	590
	JHc kA/m min.	2394	570
	JHc kA/m nom.	2474	595
Rev.temp.coeff. of cj	approx. %K	-0.55	
Energy product	BH max. kJ/m ³ min.	204	172
	BH max. kJ/m ³ nom.	220	185

Max.op.temp. approx. °C 200
 Curie temp. approx. °C 340

Mechanical Properties		at 20° C
Density	approx. g/cm ³	7.5-7.6
Vickers hardness	approx. Hv	600
Compressive strength	approx. N/mm ²	1000
Tensile strength	approx. MPa	78
Flexural strength	approx. MPa	245
Expansion coeff.	p.p.d. approx. 10 ⁻⁶ /K	-1
	i.p.d. approx. 10 ⁻⁶ /K	5
Spec.elec.resistance	approx. 10 ⁻⁶ Ωm	1.45
Spec.heat capacity	approx. J/(kg x K)	440
Thermal conductivity	approx. W/mk	8

p.p.d.= perpendicular to preferred direction
 i.p.d.= in preferred direction