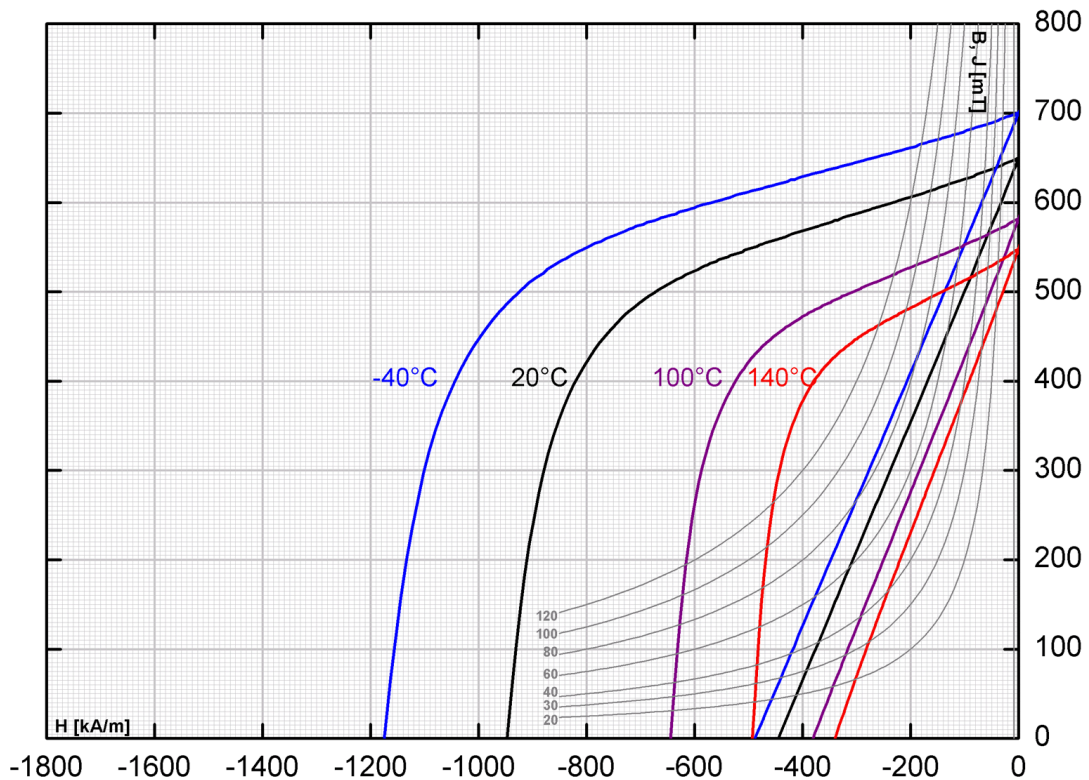


RARE EARTH MAGNETS

NdFeB 65/85pw

isotropic, pressed



MATERIAL DATA

Magnetic values according to DIN IEC 60404-8-1

Energy product (B·H) _{max.}	typ.	kJ/m^3	72
	min.	kJ/m^3	65
Remanence B_r	typ.	mT	650
	min.	mT	610
Revers. temp. coeff. of B_r	ca.	%/K	-0,13 ¹⁾
Coercivity H_c	H_{cB} typ.	kA/m	460
	H_{cB} min.	kA/m	420
	H_{cJ} typ.	kA/m	950
	H_{cJ} min.	kA/m	850
Revers. temp. coeff. of H_{cJ}	ca.	%/K	-0,4 ¹⁾
Relative permanent permeability $\mu_{rec.}$	ca.		1,2
Curie temperature	ca.	°C	305
Magnetising field strength	min.	kA/m	2800

Operating temperature	max.	°C	160 ²⁾
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Mechanische Werte

Density	ca.	g/cm^3	5.8
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¹⁾ In the temperatur range from 20 °C to 100 °C.

²⁾ The max. Operating temperature depends on the duration, the magnet dimensions and the specific application. High temperatures can adversely affect the mechanical characteristics with increasing exposure time.

Please contact our application engineering for more information.

All values indicated were determined on a sample (10 mm x 10 mm x 5 mm) according to IEC 60404-5. For unfavourable geometries, especially for thin magnets, the excessively fast solidification process can cause the material data to be less than optimal.