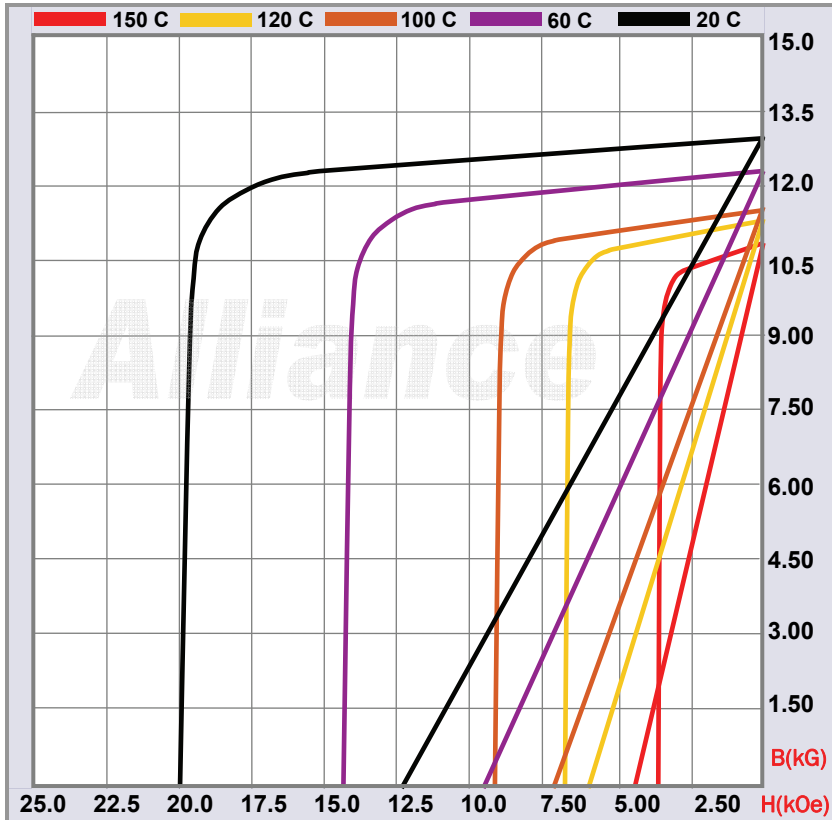


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NdFeB N-42SH

		Max	Min
Residual Induction Br	G	13,200	12,900
Coercive Force Hc	Oe	13,400	12,100
Intrinsic Coercive Force Hci	Oe	22,000	20,000
Max. Energy Product (BH)max	MGOe	43	40
Material Density	Lb/in3	.2673	
Max. Operating Temperature	C	150	
Temperature Coefficient for B	-%/C	0.11	
Temperature Coefficient for H	-%/C	0.60	
Required Magnetizing Force	Oe	60,000	
Material Composition	Nd, B, Fe, Dy, Co		

Neodymium Iron Boron magnets, also known as Rare Earths or Neo, have the highest energy product of all permanent magnet materials today. In most cases, no tooling charges exist. Various grades are available, depending on maximum operating temps.

For more information please call or email Alliance technical support at:

Phone: **219-548-3799** Fax: **219-548-7071** email: engineering@allianceorg.com