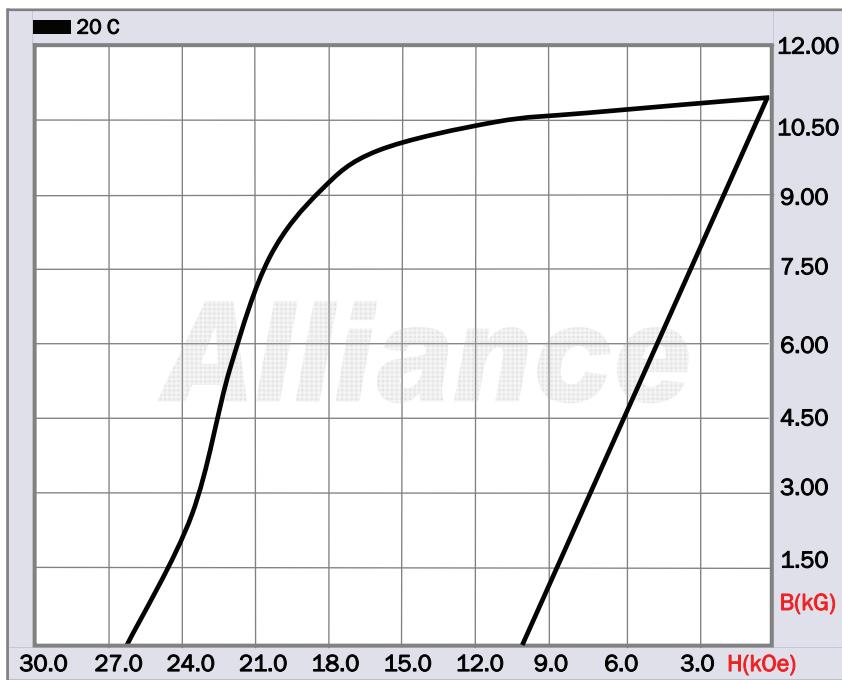




Magnetic Products for American Industry



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		Max	Min
Residual Induction Br	G	11,200	10,400
Coercive Force Hc	Oe	11,500	9,000
Intrinsic Coercive Force Hci	Oe	27,000	24,000
Max. Energy Product (BH)max	MGOe	29	27
Material Density	g/cm ³		8.4
Max. Operating Temperature	C		300
Temperature Coefficient for B	-%/C		.03
Temperature Coefficient for H	-%/C		.23
Required Magnetizing Force	Oe		35,000
Material Composition		SmCo ₅	

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

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

S-28H
SmCo₅

Sintered Samarium Cobalt magnets have excellent temperature resistance to demagnetization and can be used in high heat applications. Coating is not necessary and no tooling is required. Various grades are available for Br and Hci