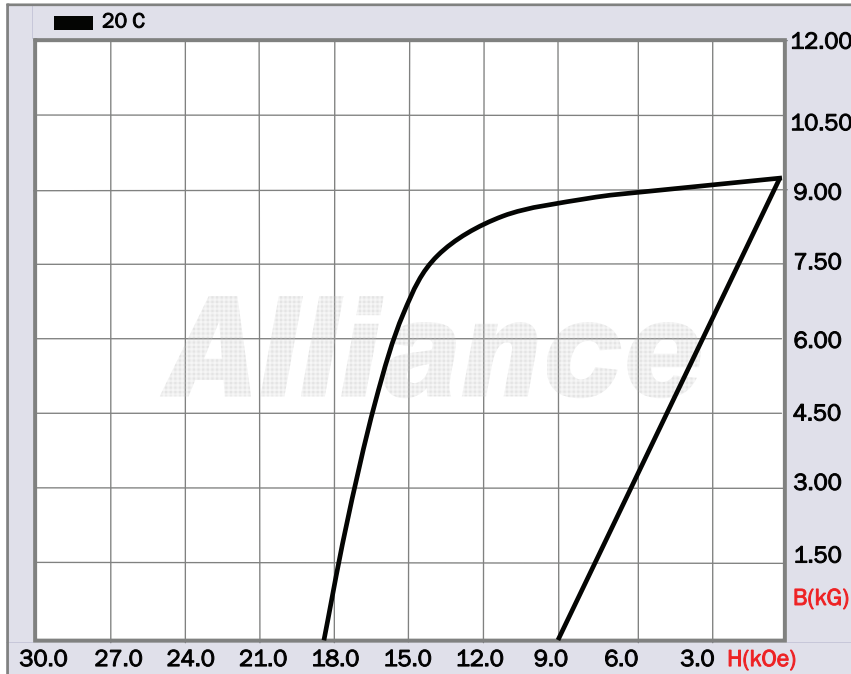




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SmCo S-20A

		Max	Min
Residual Induction Br	G	9,500	9,000
Coercive Force Hc	Oe	9,300	8,500
Intrinsic Coercive Force Hci	Oe	22,000	18,000
Max. Energy Product (BH)max	MGOe	21	19
Material Density	g/cm <sup>3</sup>	8.4	
Max. Operating Temperature	C	250	
Temperature Coefficient for B	-%/C	.03	
Temperature Coefficient for H	-%/C	.25	
Required Magnetizing Force	Oe	35,000	
Material Composition	SmCo <sub>5</sub>		

**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

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

Phone: 219-548-3799 Fax: 219-548-7071 email: [engineering@allianceorg.com](mailto:engineering@allianceorg.com)