



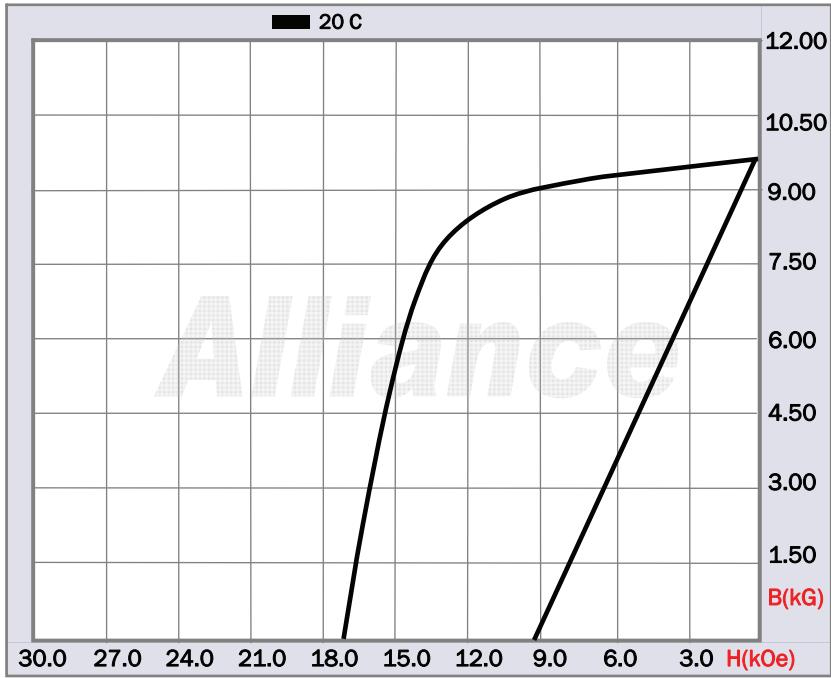
Magnetic Products for American Industry



S-22A

SmCo

www.Allianceorg.com



		Max	Min
Residual Induction B_r	G	10,000	9,500
Coercive Force H_c	Oe	9,500	9,000
Intrinsic Coercive Force H_{ci}	Oe		15,000
Max. Energy Product $(BH)_{max}$	MGOe	23	21
Material Density	g/cm ³		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 ₅	

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

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

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 B_r and H_{ci} .