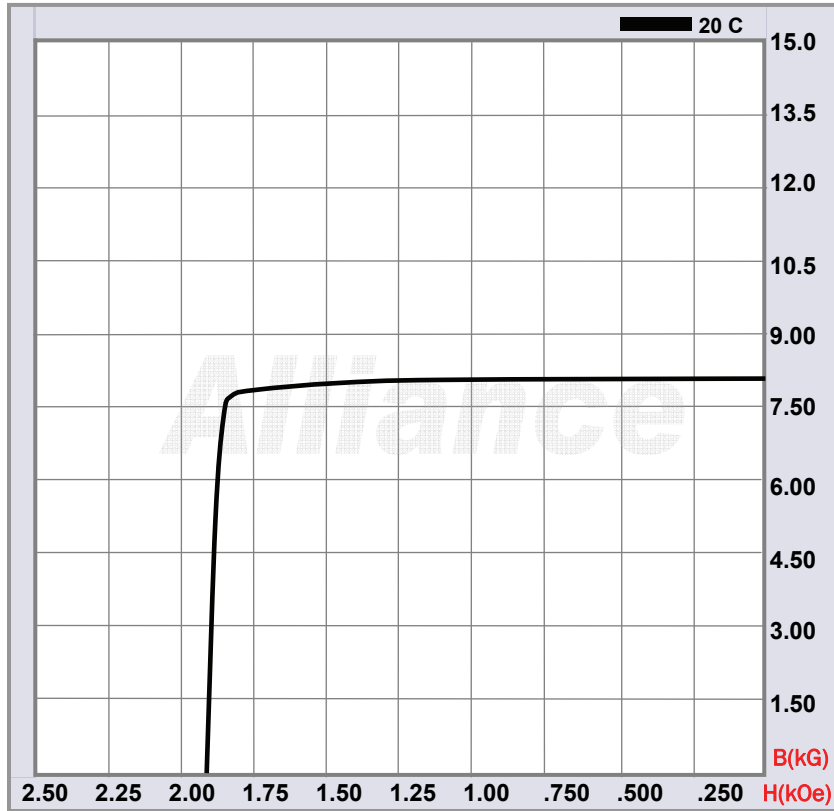




www.Allianceorg.com



Alnico A-8

		Max	Min
Residual Induction Br	G	8,800	8,000
Coercive Force Hc	Oe	1,518	1,380
Intrinsic Coercive Force Hci	Oe	1,538	1,400
Max. Energy Product (BH)max	MGOe	5.2	4.7
Material Density	Lb/in3	.262	
Max. Operating Temperature	C	550	
Temperature Coefficient for B	-%/C	.02	
Temperature Coefficient for H	-%/C	.01	
Required Magnetizing Force	Oe	3,000	
Material Composition	Al, Ni, Co, Cu, Ti		

Alnico magnets, made by casting or sintering, are primarily used for sensor and holding applications. Made of Aluminum, Nickel and Cobalt, they have excellent holding force and are great in high temp. environments. With added Cobalt, Alnico 8 grade has higher resistance to demagnetization.

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

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