

Oriented thin-gauge silicon steel strips GT-050

Characteristic Curves:

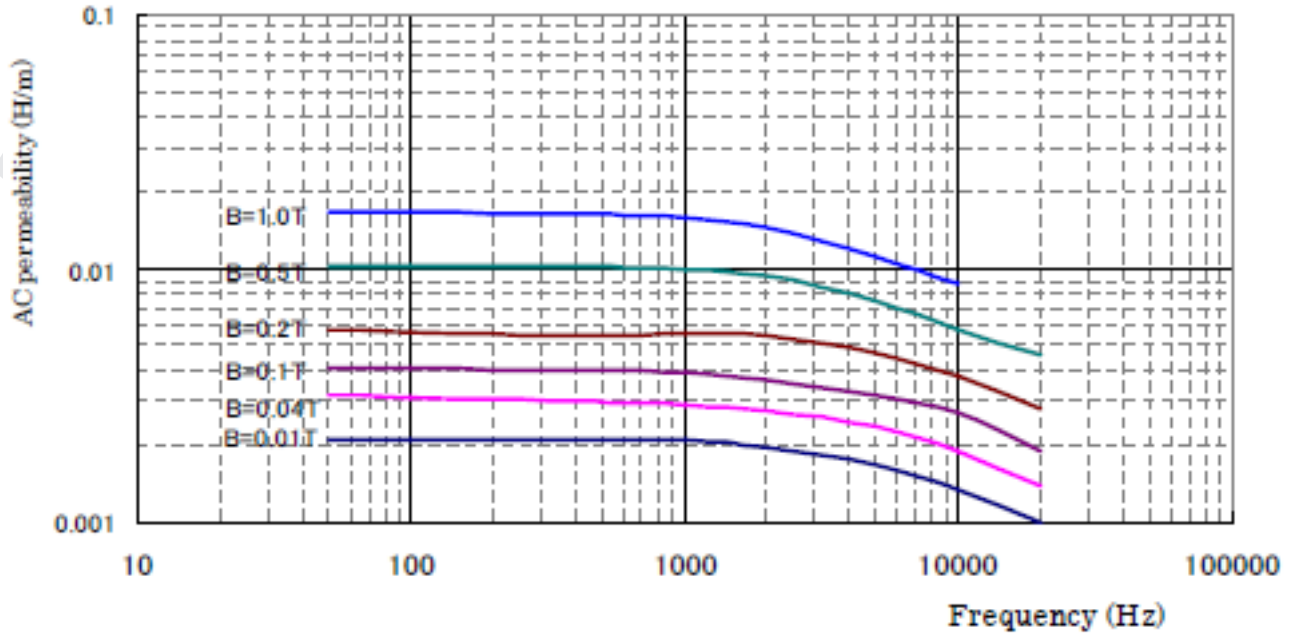


Fig A. Frequency permeability characteristics curves of GT-050

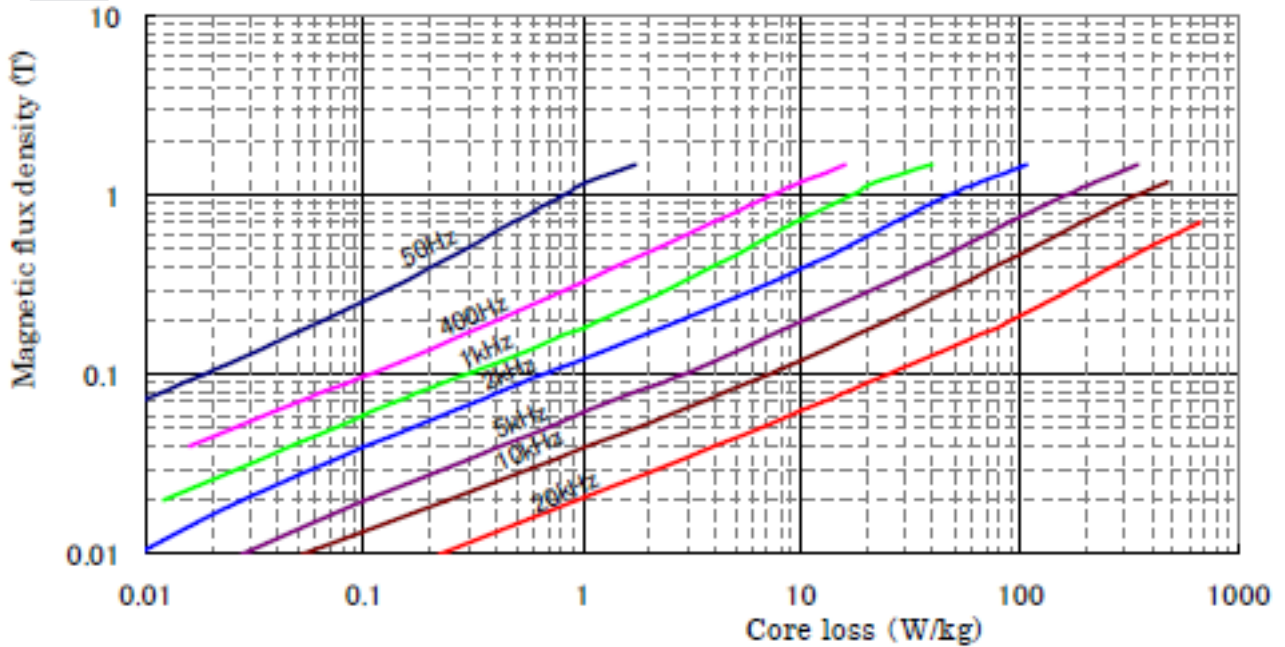


Fig B. Core loss curves of GT-050



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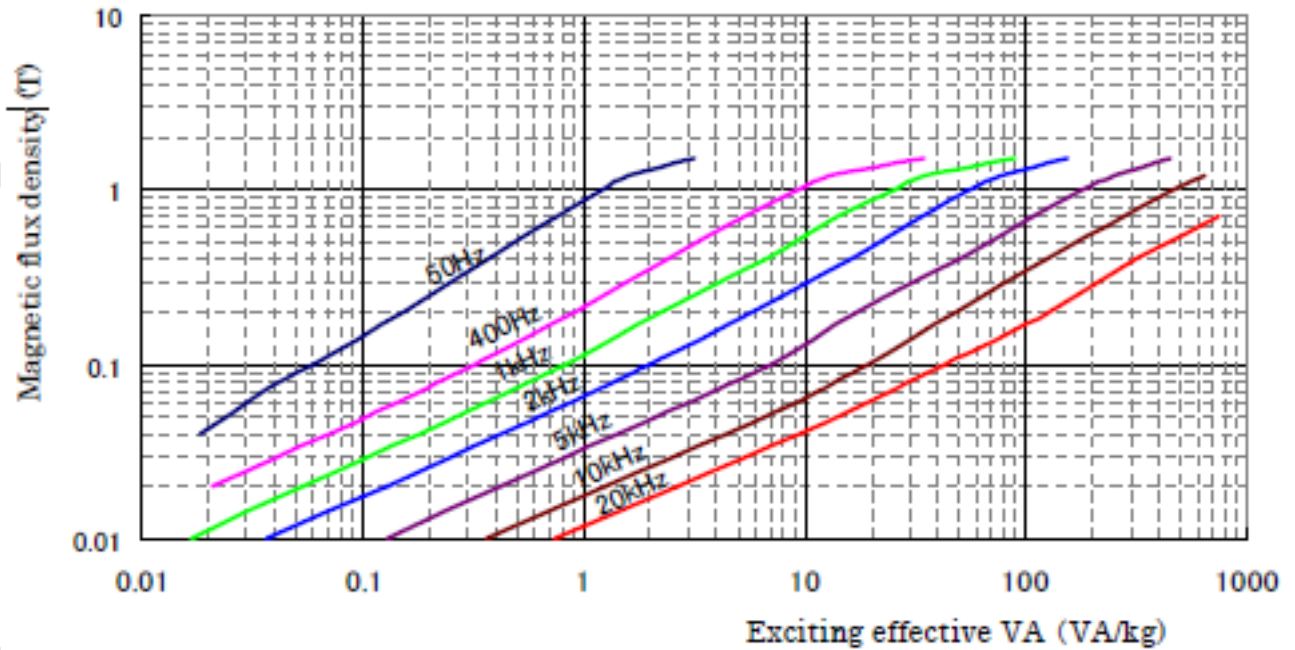


Fig C. Exciting power curves of GT-050

Typical Magnetic Properties and Specifications

Grade	Thickness		Density g/cm ³	Core loss (W/kg) ※1							Magnetic flux density ※2 B ₈ T	Lamination factor %
	mm	in		W _{15/50}	W _{15/400}	W _{10/1000}	W _{5/2000}	W _{2/5000}	W _{1/10000}	W _{6.5/20000}		
GT-100	0.10	0.0039	7.65	1.2	12.5	21.3	18.0	15.2	10.4	13.0	1.82	93
GT-050	0.05	0.0020	7.65	1.7	13.0	17.0	13.0	10.2	7.1	5.3	1.75	90

※1 W_{10/1000} Core loss in 1.0(T)/1000(Hz)

※2 B₈ Magnetic flux density at magnetizing force 800(A/m)

