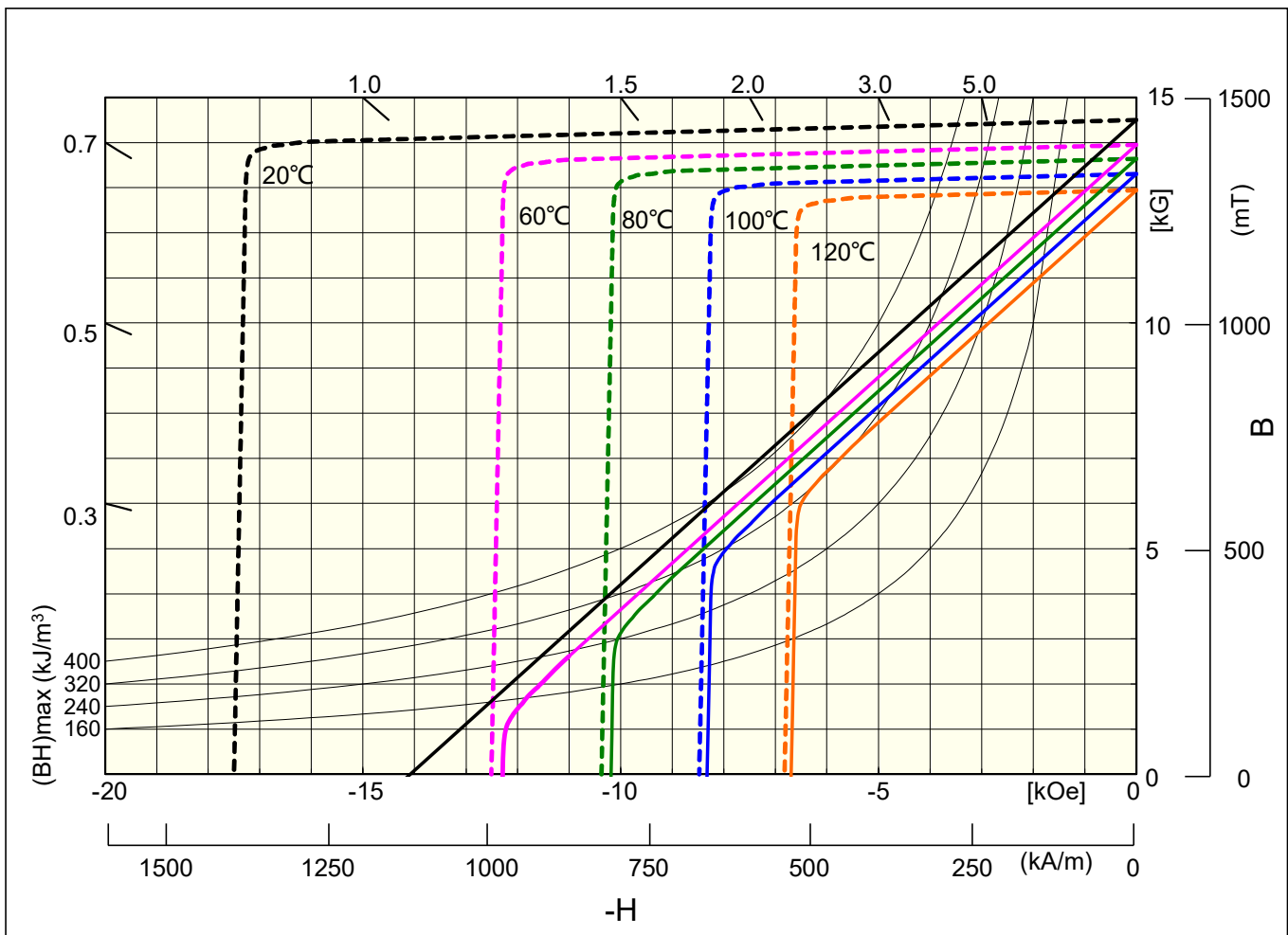


N52H



MAGNETIC CHARACTERISTICS

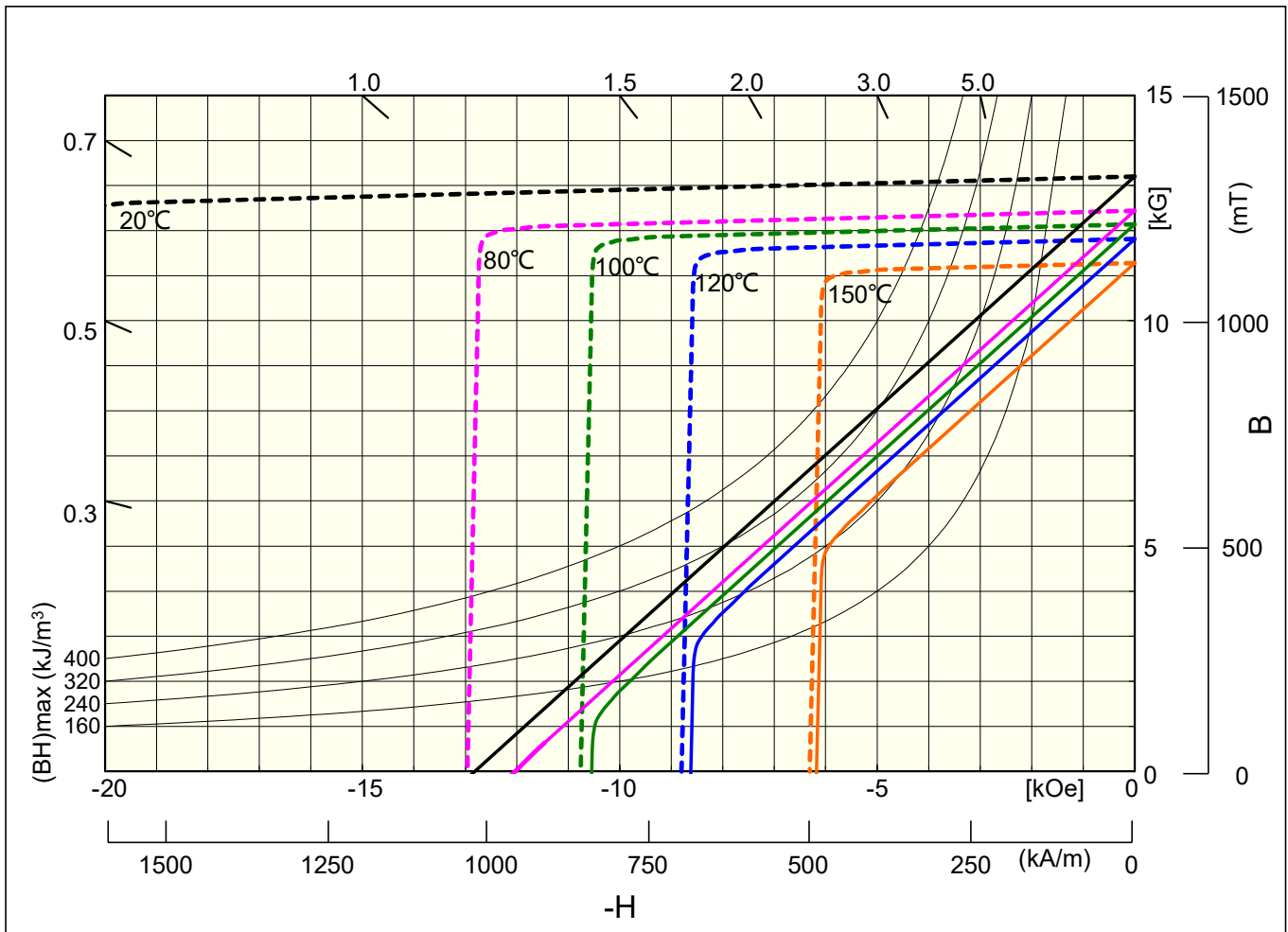
Remanent flux density	(mT)	1450
Br	[kG]	14.5
Coercivity	(kA/m)	1120
Hcb	[kOe]	14.1
Intrinsic Coercivity	(kA/m)	1393
Hcj	[kOe]	17.5
Maximum energy product	(kJ/m ³)	406
(BH)max	[MGOe]	51.0
Temperature Coefficient	α_{Br}	-0.125
(RT ~ 150°C)	α_{Hcj}	-0.620
Maximum operating temp. ★	°C	120
Relative recoil permeability	μ_{rec}	1.05

(): in the unit of SI

[]: in the unit of CGS

★ : The specification of the test sample is $\phi 10 \times 7$ column

N42SH



MAGNETIC CHARACTERISTICS

Remanent flux density	(mT)	1320
Br	[kG]	13.2
Coercivity	(kA/m)	1020
Hcb	[kOe]	12.8
Intrinsic Coercivity	(kA/m)	1671
Hcj	[kOe]	21.0
Maximum energy product	(kJ/m ³)	337
(BH)max	[MGOe]	42.3
Temperature Coefficient	α_{Br}	-0.125
(RT ~ 150°C)	α_{Hcj}	-0.600
Maximum operating temp. ★	°C	150
Relative recoil permeability	μ_{rec}	1.05

(): in the unit of SI

[]: in the unit of CGS

★ : The specification of the test sample is $\phi 10 \times 7$ column