

GOUDSMIT

MAGNETICS

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Goudsmit grade code	Production type	Remanence B_r	Normal coercivity H_{cB}	Intrinsic coercivity H_{cJ}	Maximum energy product $(BH)_{max}$	Remanence temperature coefficient $\alpha(B_r)$	Intrinsic coercivity temperature coefficient $\beta(H_{cJ})$	Maximum operating temperature T_{max}
		minimum value	minimum value	minimum value	minimum value	typical value	typical value	maximum value
		[mT]	[kA/m]	[kA/m]	[kJ/m ³]	[%/°C]	[%/°C]	[°C]
A5A	Cast	1200	50	52	40	-0.020	0.010	525
A5B	Cast	1250	52	54	44	-0.020	0.010	525
A6	Cast	1300	56	58	52	-0.020	0.030	525
A7	Cast	1350	58	60	60	-0.020	0.030	525
A8A	Cast	800	110	112	38	-0.025	0.010	550
A8B	Cast	900	115	117	44	-0.025	0.010	550
A9A	Cast	1000	110	112	60	-0.025	0.010	550
A9B	Cast	1080	120	122	80	-0.025	0.010	550
AS5	Sintered	1150	48	50	34	-0.020	0.010	525
AS6	Sintered	1100	58	60	28	-0.020	0.030	525
AS8	Sintered	800	110	112	38	-0.025	0.010	550