

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	minimum typical value	minimum typical value	maximum value
		[mT]	[kA/m]	[kA/m]	[kJ/m ³]	[%/°C]	[%/°C]	[°C]
S20	SmCo ₅	850	637	1194	150	-0.050	-0.30	250
S22	SmCo ₅	900	644	1194	159	-0.050	-0.30	250
S24	Sm ₂ Co ₁₇	920	661	1194	175	-0.035	-0.20	300
S26	Sm ₂ Co ₁₇	1000	677	1194	191	-0.035	-0.20	300
S28	Sm ₂ Co ₁₇	1030	677	1194	207	-0.035	-0.20	300
S30	Sm ₂ Co ₁₇	1080	700	1194	220	-0.035	-0.20	300
S32	Sm ₂ Co ₁₇	1100	755	1194	230	-0.035	-0.20	300