

SmCo Permanent Magnets Quality

See [About magnetism](#) for explanation of the magnetic terms.

Type	Remanence		Coercivity				Maximum Energy Product		Maximum Operating Temp.
	Br		Hcb		Hcj		(BH) max.		T
	mT	kG	kA/m	kOe	kA/m	kOe	kJ/m ³	MGOe	°C
SmCo5									
S-21H	0,92-1,00	9,2-10,0	>1274	>16	597-677	7,5-8,5	159-175	20-22	250
Sm2Co17									
S-23H	1,00-1,06	10,0-10,6	>1433	>18	526-732	8,2-9,2	175-199	22-25	250
S-27H	1,05-1,10	10,5-11,0	>1433	>18	701-780	8,8-9,8	199-223	25-28	250
S-28H	1,03-1,10	10,3-11,0	1590-2070	20-26	720-820	9,0-10,3	190-225	24-28	250

Revision: 12/2017