## Mindestwerte von gesinterten Samarium-Cobalt-Magneten

| | | | $B_r$ | | $(BH)_{max}$ | | $H_{cB}$ | | $H_{cJ}$ | | $T_{max}$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Material** | **Kennz.** | **Typ** | **mT** | **kG** | **kJ/m³** | **MGOe** | **kA/m** | **kOe** | **kA/m** | **kOe** | **[°C]** |
| 16-SC5 | 110/120 | a | 810 | 8,1 | 110,0 | 13,8 | 620 | 7,8 | 1.200 | 15,1 | 250 |
| 18-SC5 | 127/120 | a | 850 | 8,5 | 127,0 | 16,0 | 660 | 8,3 | 1.200 | 15,1 | 250 |
| 20-SC5 | 145/120 | a | 900 | 9,0 | 145,0 | 18,2 | 680 | 8,5 | 1.200 | 15,1 | 250 |
| 22-SC5 | 160/120 | a | 920 | 9,2 | 160,0 | 20,1 | 710 | 8,9 | 1.200 | 15,1 | 250 |
| 24-SC5 | 175/120 | a | 960 | 9,6 | 175,0 | 22,0 | 730 | 9,2 | 1.200 | 15,1 | 250 |
| 24-S2C | 175/143 | a | 950 | 9,5 | 175,0 | 22,0 | 700 | 8,8 | 1.433 | 18,0 | 300 |
| 24H-S2C | 175/190 | a | 950 | 9,5 | 175,0 | 22,0 | 700 | 8,8 | 1.900 | 23,9 | 350 |
| 26-S2C | 190/143 | a | 1.020 | 10,2 | 190,0 | 23,9 | 750 | 9,4 | 1.433 | 18,0 | 300 |
| 26M-S2C | 190/96 | a | 1.020 | 10,2 | 190,0 | 23,9 | 750 | 9,4 | 955 | 12,0 | 300 |
| 26H-S2C | 190/190 | a | 1.020 | 10,2 | 190,0 | 23,9 | 750 | 9,4 | 1.900 | 23,9 | 350 |
| 28-S2C | 207/143 | a | 1.030 | 10,3 | 207,0 | 26,0 | 756 | 9,5 | 1.433 | 18,0 | 300 |
| 28M-S2C | 207/96 | a | 1.030 | 10,3 | 207,0 | 26,0 | 756 | 9,5 | 955 | 12,0 | 300 |
| 28H-S2C | 207/190 | a | 1.030 | 10,3 | 207,0 | 26,0 | 756 | 9,5 | 1.900 | 23,9 | 350 |
| 30-S2C | 220/143 | a | 1.080 | 10,8 | 220,0 | 27,6 | 788 | 9,9 | 1.433 | 18,0 | 300 |
| 30M-S2C | 220/96 | a | 1.080 | 10,8 | 220,0 | 27,6 | 788 | 9,9 | 955 | 12,0 | 300 |
| 30H-S2C | 220/190 | a | 1.080 | 10,8 | 220,0 | 27,6 | 788 | 9,9 | 1.900 | 23,9 | 350 |
| | | | | | | | | | | | |
| | | a=anisotrop | | | | | | | | | |