



Magnetic properties grade parameters of smco rare earth magnets

Material	Grade	Br		Hcb		Hcj		(BH)max		TW
		剩磁		矫顽力		内禀矫顽力		最大磁能积		最高工作温度
		T	KGS	KA/m	KOe	KA/m	KOe	KJ/m ³	MGoe	°C
钐钴 1:5 (Smpr)Co5	YX-16	0.81-0.85	8.1-8.5	620-660	7.8-8.3	1194-1830	15-23	110-127	14-16	250
	YX-18	0.85-0.9	8.5-9.0	660-700	8.3-8.8	1194-1830	15-23	127-143	16-18	250
	YX-20	0.9-0.94	9.0-9.4	680-725	8.5-9.1	1194-1830	15-23	150-167	19-21	250
	YX-22	0.92-0.96	9.2-9.6	710-750	8.9-9.4	1194-1830	15-23	160-175	20-22	250
	YX-24	0.96-1.0	9.6-10.0	730-770	9.2-9.7	1194-1830	15-23	175-190	22-24	250
钐钴 1:5SmCo5	YX-20s	0.9-0.94	9.0-9.4	680-725	8.5-9.1	1433-1830	18-23	143-160	18-20	250
	YX-22s	0.92-0.96	9.2-9.6	710-750	8.9-9.4	1433-1830	18-23	160-175	20-22	250
低温度系数钐钴 1:5(SmGd)Co5	LTc(YX-10)	0.59-0.63	5.9-6.3	460-493	5.8-6.2	1430-1830	18-23	68-80	8.5-10	250
钐钴 2:17Sm2 (CoFecuzr)17	YXG-24H	0.95-	9.5-10.2	700-750	8.7-9.4	≥1990	≥25	175-191	22-24	350
	YXG-26H	1.02-	10.2-10.5	750-780	9.4-9.8	≥1990	≥25	191-207	24-26	350
	YXG-28H	1.03-	10.3-10.8	756-796	9.5-10	≥1990	≥25	207-220	26-28	350
	YXG-30H	1.08-	10.8-11.0	788-835	9.9-10.5	≥1990	≥25	220-240	28-30	350
	YXG-24	0.95-	9.5-10.2	700-750	8.7-9.4	≥1433	≥18	175-191	22-24	300
	YXG-26	1.02-	10.2-10.5	750-780	9.4-9.8	≥1433	≥18	191-207	24-26	300
	YXG-28	1.03-	10.3-10.8	756-796	9.5-10	≥1433	≥18	207-220	26-28	300
	YXG-30	1.08-	10.8-11.0	788-835	9.9-10.5	≥1433	≥18	220-240	28-30	300
	YXG-26M	1.02-	10.2-10.5	750-780	9.4-9.8	955-	12-16	191-207	24-26	300
	YXG-28M	1.03-	10.3-10.8	756-796	9.5-10.0	955-	12-16	207-220	26-28	300
	YXG-30M	1.08-	10.8-11.0	788-835	9.9-10.5	955-	12-16	220-240	28-30	300
	YXG-28L	1.02-	10.2-10.8	413-716	5.2-9.0	438-796	5.5-10.0	207-220	26-28	250
YXG-30L	1.08-	10.8-11.5	413-716	5.2-9.0	438-796	5.5-10.0	220-240	28-30	250	
低温度系数钐钴 2:17 (SmEr)2(CoTM)17	LTC(YXG-22)	0.94-0.98	9.4-9.8	668-715	8.4-9.0	1194-1591	15-20	167-183	21-23	300