

Main magnetic properties of sintered SmCo magnets

Grade									Max. Working Temp.
	Br		Hc		Hcj		(BH)max		TW
	T	KG	KA/m	KOe	KA/m	KOe	Kj/m ³	MGOe	°C
YX-16	0.8-0.86	8.0-8.6	620-740	7.8-9.3	1195-1830	15-23	112-136	14-17	250
YX-18	0.84-0.9	8.4-9.0	640-760	8.0-9.5	1195-1830	15-23	128-152	16-19	250
YX-20	0.88-0.94	8.8-9.4	640-760	8.0-9.5	1195-1830	15-23	144-168	18-21	250
YX-22	0.92-0.98	9.2-9.8	660-780	8.3-9.8	1195-1830	15-23	160-184	20-23	250
YX-24	0.96-1.02	9.6-10.2	660-780	8.3-9.8	1195-1830	15-23	176-200	22-25	250
YX-20S	0.88-0.94	8.8-9.4	640-760	8.0-9.5	1435-1830	18-23	144-168	18-21	250
YX-22S	0.92-0.98	9.2-9.8	660-780	8.3-9.8	1435-1830	18-23	144-168	18-21	250
YX-10LT	0.59-0.63	5.9-6.3	460-495	5.8-6.2	1435-1830	18-23	68-80	8.5-10	250
YXG-24H	0.96-1.02	9.6-10.2	660-800	8.3-10.0	>1990	>25	176-200	22-25	350
YXG-26H	1.0-1.06	10.0-10.6	680-820	8.5-10.3	>1990	>25	192-216	24-27	350
YXG-28H	1.04-1.09	10.4-10.9	680-820	8.5-10.3	>1990	>25	208-232	26-29	350
YXG-30H	1.07-1.12	10.7-11.2	680-820	8.5-10.3	>1990	>25	224-248	28-31	350
YXG-24	0.96-1.02	9.6-10.2	660-800	8.3-10.0	>1430	>18	176-200	22-25	300
YXG-26	1.0-1.06	10.0-10.6	680-820	8.5-10.3	>1430	>18	192-216	24-27	300
YXG-28	1.04-1.09	10.4-10.9	680-820	8.5-10.3	>1430	>18	208-232	26-29	300
YXG-30	1.07-1.12	10.7-11.2	680-820	8.5-10.3	>1430	>18	224-248	28-31	300
YXG-32	1.10-1.15	11.0-11.5	680-820	8.5-10.3	>1430	>18	240-264	30-33	300
YXG-24M	0.96-1.02	9.6-10.2	660-800	8.3-10.0	955-1270	12-16	176-200	22-25	300
YXG-26M	1.00-1.06	10.0-10.6	680-820	8.5-10.3	955-1270	12-16	192-216	24-27	300
YXG-28M	1.04-1.09	10.4-10.9	680-820	8.5-10.3	955-1270	12-16	208-232	26-29	300
YXG-30M	1.07-1.12	10.7-11.2	680-820	8.5-10.3	955-1270	12-16	224-248	28-31	300
YXG-32M	1.10-1.15	11.0-11.5	680-820	8.5-10.3	955-1270	12-16	240-264	30-33	300
YXG-24L	0.96-1.02	9.6-10.2	415-720	5.2-9.0	440-800	5.5-10	176-200	22-25	250
YXG-26L	1.00-1.06	10.0-10.6	415-720	5.2-9.0	440-800	5.5-10	192-216	24-27	250
YXG-28L	1.04-1.09	10.4-10.9	415-720	5.2-9.0	440-800	5.5-10	208-232	26-29	250
YXG-30L	1.07-1.12	10.7-11.2	415-720	5.2-9.0	440-800	5.5-10	224-248	28-31	250
YXG-32L	1.10-1.15	11.0-11.5	415-720	5.2-9.0	440-800	5.5-10	240-264	30-33	250
YXG-22LT	0.93-0.98	9.3-9.8	670-760	8.4-9.5	>1195	>15	160-184	20-23	350
YXG-24LT	0.96-1.02	9.6-10.2	670-760	8.4-9.5	>1195	>15	176-200	22-25	350
YXG-26LT	1.00-1.06	10.0-10.6	680-810	8.5-10.2	>1430	>18	192-216	24-27	350