

## SmCo 2:17 Magnetic Property Table

Grade	剩磁 Br Residual Induction				矫顽力 Hcb Coercive Force		内禀矫顽力 Hcj Intrinsic Coercive Force		最大磁能积 (BH)max Maximum Energy Product				Tc	工作温度 Tw Working Temperature	剩磁温度系数 α Br Temperature Coefficient	剩磁温度系数 β Hcj Temperature Coefficient	Grade Equivalence
	T		kGs		kA/m	kOe	kA/m	kOe	kJ/m <sup>3</sup>		MGOe		°C	°C	%/°C	%/°C	
	Typ.	min	Typ.	min	min	min	min	min	Typ	min	Typ	min	°C	max	Typ.	Typ.	
SmCo24H	0.99	0.96	9.90	9.60	692	8.7	1990	25	183	175	23	22	820	350	-0.03	-0.2	YXG-24H, XG24H
SmCo24	0.99	0.96	9.90	9.60	692	8.7	1433	18	183	175	23	22	820	300	-0.03	-0.2	YXG-24, REC24, H-23B, XG24
SmCo26H	1.04	1.02	10.4	10.2	750	9.4	1990	25	199	191	25	24	820	350	-0.03	-0.2	YXG-26H, XG26H
SmCo26	1.04	1.02	10.4	10.2	750	9.4	1433	18	199	191	25	24	820	300	-0.03	-0.2	YXG-26, REC26, XG26
SmCo26M	1.04	1.02	10.4	10.2	676	8.5	796-1433	10-18	199	191	25	24	820	300	-0.03	-0.2	YXG-26M, REC26A, XG26M
SmCo26L	1.04	1.02	10.4	10.2	413	5.2	438-796	5.5-10	199	191	25	24	820	250	-0.03	-0.2	YXG-26L, H-25B
SmCo28H	1.07	1.04	10.7	10.4	756	9.5	1990	25	215	207	27	26	820	350	-0.03	-0.2	YXG-28H, H-30SH, XG28H
SmCo28	1.07	1.04	10.7	10.4	756	9.5	1433	18	215	207	27	26	820	300	-0.03	-0.2	YXG-28, R26HS, H-26SV, XG28
SmCo28M	1.07	1.04	10.7	10.4	676	8.5	796-1433	10-18	215	207	27	26	820	300	-0.03	-0.2	YXG-28M, R26H, XG28M
SmCo28L	1.07	1.04	10.7	10.4	413	5.2	438-796	5.5-10	215	207	27	26	820	250	-0.03	-0.2	YXG-28L
SmCo30H	1.10	1.08	11.0	10.8	788	9.9	1990	25	239	222	30	28	820	350	-0.03	-0.2	YXG-30H, XG30H
SmCo30	1.10	1.08	11.0	10.8	788	9.9	1433	18	239	222	30	28	820	300	-0.03	-0.2	YXG-30, REC30, XG30
SmCo30M	1.10	1.08	11.0	10.8	676	8.5	796-1433	10-18	239	222	30	28	820	300	-0.03	-0.2	YXG-30M, R30, XG30M
SmCo30L	1.10	1.08	11.0	10.8	413	5.2	438-796	5.5-10	239	222	30	28	820	250	-0.03	-0.2	YXG-30L, H-30CH
SmCo32	1.12	1.10	11.2	11.0	796	10	1433	18	255	230	32	29	820	300	-0.03	-0.2	YXG-32, R32H, XG32
SmCo32M	1.12	1.10	11.2	11.0	676	8.5	796-1433	10-18	255	230	32	29	820	300	-0.03	-0.2	YXG-32M, REC32A, XG32M
SmCo32L	1.12	1.10	11.2	11.0	413	5.2	438-796	5.5-10	255	230	32	29	820	250	-0.03	-0.2	YXG-32L