

SmCo5

Type Grade	Residual Induction (Br)		Coercive Force (Hcb)		Intrinsic Coercive Force (Hcj)		Max Energy Product (BH)max		Max Operating Temp.	Rev Temp Coeff.	Density
	KG	T	KOe (min)	KA/m (min)	KOe (min)	KA/m (min)	MGOe (min)	KJ/m3 (min)	°C	Br%/°C	g/cm3
XG16/20	8.2±0.3	0.82±0.03	7.8	621	18	1433	15	120	250	-0.045 To -0.050	8.3
16/25					22	1752					
XG18/18	8.6±0.3	0.86±0.03	8.2	653	16	1274	17	136	250	-0.045 To -0.050	8.3
18/20					18	1433					
18/25					22	1752					
XG20/18	9.0±0.3	0.90±0.03	8.5	677	16	1274	19	152	250	-0.045 To -0.050	8.3
20/20					18	1433					
20/25					22	1752					
XG22/15	9.5±0.3	0.95±0.03	8.8	701	14	1115	21	168	250	-0.045 To -0.050	8.3
22/18					16	1274					
22/20					18	1433					
XG24/15	10.0±0.3	1.00±0.03	9.2	733	14	1115	23	184	250	-0.045 To -0.050	8.3
24/18					16	1274					

Sm2Co17

Type Grade	Residual Induction (Br)		Coercive Force (Hcb)		Intrinsic Coercive Force (Hcj)		Max Energy Product (BH)max		Max Operating Temp.	Rev Temp Coeff.	Density
	KG	T	Koe (min)	KA/m (min)	KOe (min)	KA/m (min)	MGOe (min)	KJ/m3 (min)	°C	Br%/°C	g/cm3
XG22/10	9.7±0.3	0.97±0.03	7.0	557	8.5	677	21	168	350	-0.030 To -0.035	8.4
XG22/25			9.0	717	25	1990					
22/30					28	2229					
22/35					32	2548					
XG24/25	10.3±0.3	1.03±0.03	9.2	733	25	1990	24	192	350	-0.030 To -0.035	8.4
24/30					28	2229					
24/35					32	2548					
XG26/10	10.6±0.3	1.06±0.03	7.5	598	10	796	25	200	300	-0.030 To -0.035	8.4
XG26/16	10.8±0.3	1.08±0.03	8.5	677	14	1115					
26/20			9.5	757	18	1433					
26/25					22	1752					
26/30					26	2070					
26/35					32	2548					
XG28/16	11.0±0.3	1.10±0.03	8.8	701	13	1035	27	215	300	-0.030 To -0.035	8.4
28/20			9.6	765	18	1433					
28/25					22	1752					
28/30					26	2070					
28/35					32	2548					
XG30/12	11.3±0.3	1.13±0.03	8.0	637	10	796	29	231	300	-0.030 To -0.035	8.4
30/15			9.0	717	13	1035					
30/20			9.5	757	18	1433					
30/25					22	1752					
XG32/12	11.5±0.3	1.15±0.03	8.0	637	10	796	30	239	300	-0.030 To -0.035	8.4
32/15			9.0	717	13	1035					
32/20			9.6	765	18	1433					
XG33/20	11.7±0.2	1.17±0.02	10	796	18	1433	31	247	300	-0.030 To -0.035	8.4
33/25			10.4	828	22	1752					

Low Temperature Coefficient

SmCo

Type Grade	Residual Induction (Br)		Coercive Force (Hcb)		Intrinsic Coercive Force (Hcj)		Max Energy Product (BH)max		Max Operating Temp.	Rev Temp Coeff.	Density
	KG	T	KOe (min)	KA/m (min)	KOe (min)	KA/m (min)	MGOe (min)	KJ/m3 (min)	°C	Br%/°C	g/cm3
XG12/30	7.1±0.3	0.71±0.03	6.3	502	26	2070	11	88	400	-0.005	8.4
XG13/30	7.4±0.3	0.74±0.03	6.6	526	26	2070	12	96	400	-0.005	8.4
XG16/30	8.0±0.3	0.80±0.03	7.2	574	26	2070	15	120	400	-0.010	8.4
XG18/30	8.7±0.3	0.87±0.03	7.9	629	26	2070	17	136	400	-0.025	8.4
XG20/30	9.0±0.3	0.90±0.03	8.2	653	26	2070	19	152	400	-0.025	8.4

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