



**BJA**  
MAGNETICS

**Bonded Samarium Cobalt Grades**

Grade	Remanence		Coercivity				Energy Density		Max
	Br		Hcb		Hcj		BHmax		Op Temp
	mT	Gs	KA/m	Oe	KA/m	Oe	KJ/m3	MGOe	°C
SB6A	400	4000	278	3500	800	10000	32.0	4.00	120
SCH5	430-500	4300-5000	318-366	4000-1600	>1592	>20000	36-44	4.5-5.5	250
SCL5	440-500	4400-5000	302-350	3800-4400	>955	>12	36-44	4.5-5.5	200
SB8A	500	5000	318	4000	800	10000	48.0	6.00	120
SB10B	600	6000	358	4500	800	10000	64.0	8.00	120
SCH610	610-680	6100-6800	438-494	5500-6200	>1592	>20000	72-88	37875.00	250
SCL10	630-700	6300-7000	414-462	5200-5800	>955	>12	72-88	37875.00	200
SB12B	700	7000	318	4000	400	5000	80.0	10.00	120
SB12HB	700	7000	398	5000	800	10000	80.0	10.00	120
SCL14	780-840	7800-8400	486-541	6100-6800	>12	>955	103-119	13-15	200