

BONDED COMPRESSION NdFeB TYPICAL MAGNETIC PROPERTIES

Grade Properties	Remanence Br T(Gs)	Coercivity HCB KA/m(KOe)	Intrinsic Coercivity Hcj KA/m(Koe)	Max. Energy Product BH(max) KJ/m3 (MGOe)	Density g/cm3	Relative Recoil Permeability μr	Temperature Coefficient of Remanence αBr %/ °C	Max Operating Temperature Tw°C
BNP-6	0.55~0.62	285~370 (3.6~4.6)	600~755 (7.5~9.5)	44~56 (5.5~7.0)	5.5~6.1	1.15	-0.13	100
BNP-8L	0.60~0.64	360~400 (4.5~5.0)	715~800 (9~10)	56~64 (7.0~8.0)	5.6~6.1	1.15	-0.13	100
BNP-8	0.62~0.69	385~445 (4.8~5.6)	640~800 (8~10)	64~72 (8.0~9.0)	5.6~6.1	1.15	-0.13	120
BNP-8SR	0.62~0.66	410~465 (5.2~5.8)	880~1120 (11~14)	64~72 (8.0~9.0)	5.6~6.1	1.13	-0.13	150
BNP-8H	0.61~0.65	410~445 (5.2~5.7)	1190~1440 (15~18)	64~72 (8.0~9.0)	5.9~6.2	1.15	-0.07	125
BNP-9	0.65~0.70	400~440 (5.0~5.5)	640~800 (8~10)	70~76 (8.8~9.5)	5.6~6.1	1.22	-0.12	120
BNP-10	0.68~0.72	420~470 (5.3~5.9)	640~800 (8~10)	76~84 (9.5~10.5)	5.6~6.1	1.22	-0.11	120
BNP-11	0.70~0.74	445~480 (5.6~6.0)	680~800 (8.5~10)	80~88 (10~11)	5.6~6.1	1.22	-0.11	120
BNP-11L	0.70~0.74	400~440 (5.0~5.5)	520~640 (6.5~8)	78~84 (9.8~10.5)	5.6~6.1	1.26	-0.11	110
BNP-12L	0.74~0.80	420~455 (5.3~5.7)	520~600 (6.5~7.5)	84~92 (10.5~11.5)	5.6~6.1	1.26	-0.08	110