

NdFeB 2009 Sintered Datasheet

Grade	REMANENCE		COERCIVITY		INTRINSIC COERCIVITY		MAX.ENERGY PRODUCT		Max Work Temp
	Br		bHc		iHc		(BH)max		
	KGs	T	KOe	KA/m	KOe	KA/m	MGOe	KJ/m ³	
N27	10.2-10.6	1.02-1.06	9.3-10	740-796	>=12	>=955	25-27	199-214.9	<=80
N30	10.8-11.2	1.08-1.12	9.8-10.5	780-836	>=12	>=955	28-30	223-238.8	<=80
N33	11.4-11.7	1.14-1.17	10.3-11	820-875.6	>=12	>=955	31-33	246.8-262.7	<=80
N35	11.7-12.1	1.17-1.21	10.8-11.5	860-915.4	>=12	>=955	33-35	262.7-278.6	<=80
N38	12.2-12.6	1.22-1.26	10.8-11.5	860-915.4	>=12	>=955	36-38	286.6-302.5	<=80
N40	12.6-12.9	1.26-1.29	10.5-11	836-875.6	>=12	>=955	38-40	302.5-318.4	<=80
N42	12.9-13.2	1.29-1.32	10.5-11	836-875.6	>=12	>=955	40-42	318.4-334.3	<=80
N45	13.2-13.7	1.32-1.37	10.8-12.5	836-875.6	>=12	>=955	43-45	342-358	<=80
N48	13.5-14.0	1.35-1.40	>=10.8	860	>=12	>=955	45-48	358-382	<=80
N50	13.9-14.3	1.39-1.43	>=10.0	>=796	>=11	>=875	47-51	374-405	<=80
N52	14.4-14.6	1.44-14.6	>=10.0	>=796	>=11	>=875	>50	>405	<=80
30M	10.8-11.2	1.08-1.12	9.8-10.5	780-836	>=14	>=1114	28-30	223-238.8	<=100
33M	11.4-11.7	1.14-1.17	10.3-11	820-875.6	>=14	>=1114	31-33	246.8-262.7	<=100
35M	11.7-12.1	1.17-1.21	10.8-11.5	860-915.4	>=14	>=1114	33-35	262.7-278.6	<=100
38M	12.2-12.6	1.22-1.26	10.8-11.5	860-915.4	>=14	>=1114	36-38	286.6-302.5	<=100
40M	12.6-12.9	1.26-1.29	10.8-11.5	860-915.4	>=14	>=1114	38-40	302.5-318.4	<=100
42M	12.9-13.2	1.29-1.32	10.8-12.5	860-915.4	>=14	>=1114	40-42	318.4-334	<=100
45M	13.2-13.7	1.32-1.37	10.8-13	860-995.2	>=14	>=1114	43-45	342-358	<=100
48M	13.5-14.0	1.35-1.40	>=12.5	>=995	>=14	>=1114	45-48	358-382	<=100
27H	10.2-10.6	1.02-1.06	9.3-10	740-796	>=17	>=1353	25-27	199-214.9	<=120
30H	10.8-11.2	1.08-1.12	9.8-10.5	780-836	>=17	>=1353	28-30	223-238.8	<=120
33H	11.4-11.7	1.14-1.17	10.3-11	820-875.6	>=17	>=1353	31-33	246.8-262.7	<=120
35H	11.7-12.1	1.17-1.21	10.8-11.5	860-915.4	>=17	>=1353	33-35	262.7-278.6	<=120
37H	12.4-12.6	1.24-1.26	11.5-12	915-955.2	>=17	>=1353	35-37	278.6-294.5	<=120
40H	12.6-12.9	1.26-1.29	11.5-12	915-955.2	>=17	>=1353	38-40	302.5-318.4	<=120
42H	12.9-13.2	1.29-1.32	10.8-12	860-955.2	>=17	>=1353	40-42	318.4-334	<=120
44H	13.2-13.6	1.32-1.36	10.8-12	860-1035	>=17	>=1353	42-44	334-350	<=120
48H	13.6-14.1	1.36-1.41	>=12.8	>=1019.26	>=16	>=1273	45-48	358-382	<=120
27SH	10.2-10.6	1.02-1.06	9.3-10	740-796	>=20	>=1592	25-27	199-214.9	<=150
30SH	10.8-11.2	1.08-1.12	9.8-10.5	780-836	>=20	>=1592	28-30	223-238.8	<=150
33SH	11.4-11.7	1.14-1.17	10.3-11	820-875.6	>=20	>=1592	31-33	246.8-262.7	<=150
35SH	11.7-12.1	1.17-1.21	10.8-11.5	860-915.4	>=20	>=1592	33-35	262.7-278.6	<=150
38SH	12.2-12.6	1.22-1.26	10.8-11.5	860-915.4	>=20	>=1592	36-38	286.6-302.5	<=150
40SH	12.6-12.9	1.26-1.29	10.8-12.0	860-955.2	>=20	>=1592	38-40	302.5-318.4	<=150
42SH	12.9-13.2	1.29-1.32	11.8-12.0	860-955.2	>=20	>=1592	40-42	318.4-334	<=150
25UH	9.8-10.2	0.98-1.02	9.2-9.6	732-764.2	>=25	>=1990	23-25	183.1-199	<=180
28UH	10.4-10.8	1.04-1.08	9.8-10.2	780-812	>=25	>=1990	26-28	207-223	<=180
30UH	10.8-11.2	1.08-1.12	10.1-10.6	804-844	>=25	>=1990	28-30	223-238.8	<=180
33UH	11.4-11.7	1.14-1.17	10.3-11.0	820-876	>=25	>=1990	31-33	246.8-262.7	<=180
35UH	11.7-12.1	1.17-1.21	10.8-11.5	860-915.4	>=25	>=1990	33-35	263-279	<=180
38UH	12.2-12.6	1.22-1.26	>=10.8	>=860	>=25	>=1990	36-39	287-310	<=180
25EH	9.8-10.2	0.98-1.02	9.2-9.6	732-764	>=30	>=2388	23-25	183.1-199	<=200
28EH	10.4-10.8	1.04-1.08	9.8-10.2	780-812	>=30	>=2388	26-28	207-223	<=200
30EH	10.8-11.2	1.08-1.12	10.1-10.6	804-844	>=30	>=2388	28-30	223-238.8	<=200
33EH	11.4-11.7	1.14-1.17	10.3-11.0	820-876	>=30	>=2388	31-33	246.8-262.7	<=200