

Material Grade

Sintered NdFeB

Grade	Br		Hcb		Hcj		(BH)max		Temp. Coef. °C/% (20°C)		Density	Max. Tw	temp.				
	kGs		T		kOe	kA/m	kOe	kAm/	MGOe	kJ/m ³		α _{Br}	α _{Hcj}	ρ	°C/°F	Range	
	Max	Min	Max	Min	Min	Min	Min	Min	Max	Min	Max	Min	Nom	Min	g/cm ³	Pc=1(L/D=0.4)	°C
N35	12.40	11.80	1.24	1.18	10.80	860	12	955	37	33	295	263	-0.12	-0.75	7.40	80/176	20~80
N38	12.80	12.30	1.28	1.23	10.80	860	12	955	40	36	318	287	-0.12	-0.75	7.40	80/176	20~80
N40	13.10	12.70	1.31	1.27	11.00	876	12	955	41	38	326	303	-0.12	-0.73	7.45	80/176	20~80
N42	13.40	12.90	1.34	1.29	11.60	924	12	955	43	40	342	318	-0.12	-0.73	7.45	80/176	20~80
N45	13.70	13.30	1.37	1.33	11.00	876	12	955	46	43	366	342	-0.12	-0.70	7.5	80/176	20~80
N48	14.00	13.60	1.40	1.36	11.00	876	12	955	48	45	382	358	-0.12	-0.70	7.5	80/176	20~80
N50	14.20	14.00	1.42	1.40	10.80	860	11	876	50	47	398	374	-0.12	-0.70	7.5	80/176	20~80
N52	14.40	14.20	1.44	1.42	10.80	860	11	876	52	49	414	390	-0.12	-0.70	7.5	80/176	20~80
N35M	12.40	11.80	1.24	1.18	10.90	868	14	1115	37	33	295	263	-0.12	-0.70	7.4	100/212	20~100
N38M	12.80	12.30	1.28	1.23	11.30	900	14	1115	40	36	318	287	-0.12	-0.70	7.4	100/212	20~100
N40M	13.10	12.70	1.31	1.27	11.60	924	14	1115	42	38	334	303	-0.12	-0.70	7.45	100/212	20~100
N42M	13.40	12.90	1.34	1.29	12.00	955	14	1115	43	40	342	318	-0.12	-0.68	7.45	100/212	20~100
N45M	13.70	13.30	1.37	1.33	12.50	995	14	1115	46	43	366	342	-0.11	-0.68	7.50	100/212	20~100
N48M	14.00	13.60	1.40	1.36	12.90	1027	14	1115	48	45	382	358	-0.11	-0.68	7.55	100/212	20~100
N50M	14.20	14.00	1.42	1.40	13.20	1051	14	1115	50	47	398	374	-0.11	-0.68	7.55	100/212	20~100
N35H	12.40	11.80	1.24	1.18	10.90	868	17	1354	37	33	295	263	-0.12	-0.68	7.45	120/248	20~120
N38H	12.80	12.30	1.28	1.23	11.30	900	17	1354	40	36	318	287	-0.12	-0.68	7.45	120/248	20~120
N40H	13.10	12.70	1.31	1.27	11.60	924	17	1354	41	38	326	303	-0.11	-0.68	7.50	120/248	20~120
N42H	13.30	12.90	1.33	1.29	12.00	955	17	1354	43	40	342	318	-0.11	-0.65	7.50	120/248	20~120
N45H	13.70	13.30	1.37	1.33	12.50	995	16	1274	46	43	366	342	-0.11	-0.65	7.55	120/248	20~120
N48H	14.00	13.60	1.40	1.36	12.90	1027	16	1274	48	45	382	358	-0.11	-0.65	7.60	120/248	20~120
N35SH	12.40	11.80	1.24	1.18	11.00	876	20	1592	37	33	295	263	-0.11	-0.60	7.50	150/302	20~150
N38SH	12.80	12.30	1.28	1.23	11.40	908	20	1592	39	36	311	287	-0.11	-0.60	7.50	150/302	20~150
N40SH	13.10	12.70	1.31	1.27	11.80	939	20	1592	41	38	326	303	-0.11	-0.58	7.55	150/302	20~150
N42SH	13.30	12.90	1.33	1.29	12.00	955	20	1592	43	40	342	318	-0.11	-0.58	7.55	150/302	20~150
N45SH	13.50	13.20	1.35	1.32	12.50	995	20	1592	45	42	358	334	-0.10	-0.58	7.60	150/302	20~150
N30UH	11.40	10.80	1.14	1.08	10.20	812	25	1990	32	28	255	223	-0.11	-0.55	7.50	180/356	20~180
N33UH	11.90	11.30	1.19	1.13	10.70	852	25	1990	34	31	271	247	-0.11	-0.55	7.55	180/356	20~180
N35UH	12.30	11.80	1.23	1.18	11.20	892	25	1990	36	33	287	263	-0.11	-0.55	7.55	180/356	20~180
N38UH	1.27	12.20	0.13	1.22	11.70	932	25	1990	39	36	311	287	-0.11	-0.55	7.60	180/356	20~180
N40UH	13.10	12.60	1.31	1.26	12.20	971	25	1990	41	38	326	303	-0.10	-0.55	7.60	180/356	20~180
N30EH	11.40	10.80	1.14	1.08	10.20	812	30	2389	32	28	255	223	-0.10	-0.50	7.55	200/392	20~200
N33EH	11.90	11.30	1.19	1.13	10.70	852	30	2389	34	31	271	247	-0.10	-0.50	7.55	200/392	20~200
N35EH	12.30	11.80	1.23	1.18	11.20	892	30	2389	36	33	287	263	-0.10	-0.50	7.60	200/392	20~200
N38EH	12.70	12.20	1.27	1.22	11.70	932	30	2389	39	35	311	279	-0.10	-0.50	7.60	200/392	20~200
N30TH	11.30	10.80	1.13	1.08	10.20	812	33	2627	31	28	247	223	-0.10	-0.45	7.65	250/482	20~250
N33TH	11.70	11.30	1.17	1.13	10.70	852	33	2627	34	31	271	247	-0.10	-0.45	7.65	250/482	20~250

The given data of magnetic characteristics and physical properties are at room temperature at 23°±3°.

The maximum operating temperature of magnet may vary due to the geometry and environmental factors.