

Physikalische Kennzahlen und technische Parameter

von Neodym-Magneten

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Güte	Remanenz		Koerzitivfeldstärke				Energieprodukt		max. Einsatz-temp.
	Br		bHc		iHc		(BxH)max		
	kG	T	kOe	kA/m	kOe	kA/m	MGOe	kJ/m ³	°C
N30	10.8-11.2	1.08-1.12	9.8-10.5	780-836	≥ 12	≥ 955	28-30	223-239	≤ 80
N33	11.4-11.7	1.14-1.17	10.3-11.0	820-876	≥ 12	≥ 955	31-33	247-263	≤ 80
N35	11.7-12.1	1.17-1.21	10.8-11.5	860-915	≥ 12	≥ 955	33-35	263-279	≤ 80
N38	12.2-12.6	1.22-1.26	10.8-11.5	860-915	≥ 12	≥ 955	36-38	287-303	≤ 80
N40	12.6-12.9	1.26-1.29	10.5-12.0	860-955	≥ 12	≥ 955	38-40	303-318	≤ 80
N42	12.9-13.2	1.29-1.32	10.8-12.0	860-955	≥ 12	≥ 955	40-42	318-334	≤ 80
N45	13.2-13.7	1.32-1.37	10.8-12.5	860-995	≥ 12	≥ 955	43-45	342-358	≤ 80
N48	13.7-14.2	1.37-1.42	10.8-12.5	860-995	≥ 12	≥ 955	45-48	358-382	≤ 80
N50	14.0-14.6	1.40-1.46	10.8-12.5	860-995	≥ 12	≥ 955	47-51	374-406	≤ 80
N52	14.2-14.7	1.42-1.47	10.8-12.5	860-995	≥ 12	≥ 955	48-53	380-422	≤ 80
N30M	10.8-11.2	1.08-1.12	9.8-10.5	780-836	≥ 14	≥ 1114	28-30	223-239	≤ 100
N33M	11.4-11.7	1.14-1.17	10.3-11.0	820-876	≥ 14	≥ 1114	31-33	247-263	≤ 100
N35M	11.7-12.1	1.17-1.21	10.8-11.5	860-915	≥ 14	≥ 1114	33-35	263-279	≤ 100
N38M	12.2-12.6	1.22-1.26	10.8-11.5	860-915	≥ 14	≥ 1114	36-38	287-303	≤ 100
N40M	12.6-12.9	1.26-1.29	10.8-12.0	860-955	≥ 14	≥ 1114	38-40	303-318	≤ 100
N42M	12.9-13.2	1.29-1.32	10.8-12.5	860-995	≥ 14	≥ 1114	40-42	318-334	≤ 100
N45M	13.2-13.7	1.32-1.37	10.8-13.0	860-1035	≥ 14	≥ 1114	43-45	342-358	≤ 100
N48M	13.7-14.2	1.37-1.42	10.8-12.5	860-995	≥ 14	≥ 1114	45-48	358-382	≤ 100
N50M	14.0-14.6	1.40-1.46	10.8-12.5	860-995	≥ 14	≥ 1114	47-51	374-406	≤ 100
N27H	10.2-10.6	1.02-1.06	9.5-10.1	756-804	≥ 17	≥ 1353	25-27	199-215	≤ 120
N30H	10.8-11.2	1.08-1.12	10.1-10.6	804-844	≥ 17	≥ 1353	28-30	223-239	≤ 120
N33H	11.4-11.7	1.14-1.17	10.3-11.0	820-876	≥ 17	≥ 1353	31-33	247-263	≤ 120
N35H	11.7-12.1	1.17-1.21	10.8-11.5	860-915	≥ 17	≥ 1353	33-35	263-279	≤ 120
N38H	12.2-12.6	1.22-1.26	10.8-11.5	860-915	≥ 17	≥ 1353	36-38	287-303	≤ 120
N40H	12.6-12.9	1.26-1.29	10.8-12.0	860-955	≥ 17	≥ 1353	38-40	303-318	≤ 120
N42H	12.9-13.2	1.29-1.32	10.8-12.0	860-955	≥ 17	≥ 1353	40-42	318-334	≤ 120
N44H	13.2-13.6	1.32-1.36	10.8-13.0	860-1035	≥ 17	≥ 1353	42-44	334-350	≤ 120
N45H	13.2-13.8	1.32-1.38	10.8-12.2	860-963	≥ 17	≥ 1353	43-46	342-366	≤ 120
N48H	13.7-14.2	1.37-1.42	10.8-12.5	860-995	≥ 17	≥ 1353	45-48	358-382	≤ 120
N27SH	10.2-10.6	1.02-1.06	9.5-10.1	756-804	≥ 20	≥ 1592	25-27	199-215	≤ 150
N30SH	10.8-11.2	1.08-1.12	10.1-10.6	804-844	≥ 20	≥ 1592	28-30	223-239	≤ 150
N33SH	11.4-11.7	1.14-1.17	10.3-11.0	820-876	≥ 20	≥ 1592	31-33	247-263	≤ 150
N35SH	11.7-12.1	1.17-1.21	10.8-11.5	860-915	≥ 20	≥ 1592	33-35	263-279	≤ 150
N38SH	12.2-12.6	1.22-1.26	10.8-11.5	860-915	≥ 20	≥ 1592	36-38	287-303	≤ 150
N40SH	12.6-12.9	1.26-1.29	10.8-12.0	860-955	≥ 20	≥ 1592	38-40	303-318	≤ 150
N42SH	12.9-13.2	1.29-1.32	10.8-12.0	860-955	≥ 20	≥ 1592	40-42	318-334	≤ 150
N45SH	13.2-13.7	1.32-1.37	10.8-12.5	860-955	≥ 20	≥ 1592	43-45	342-358	≤ 150
N25UH	9.8-10.2	0.98-1.02	9.2-9.6	732-764	≥ 25	≥ 1990	23-25	183-199	≤ 180
N28UH	10.4-10.8	1.04-1.08	9.8-10.2	780-812	≥ 25	≥ 1990	26-28	207-233	≤ 180
N30UH	10.8-11.2	1.08-1.12	10.1-10.6	804-844	≥ 25	≥ 1990	28-30	223-239	≤ 180
N33UH	11.4-11.7	1.14-1.17	10.3-11.0	820-876	≥ 25	≥ 1990	31-33	247-263	≤ 180
N35UH	11.7-12.1	1.17-1.21	10.8-11.5	860-915	≥ 25	≥ 1990	33-35	263-279	≤ 180
N38UH	12.2-12.6	1.22-1.26	10.8-11.5	860-915	≥ 25	≥ 1990	36-38	287-303	≤ 180
N40UH	12.6-12.9	1.26-1.29	10.5-12.0	860-955	≥ 25	≥ 1990	38-40	303-318	≤ 180
N25EH	9.8-10.2	0.98-1.02	9.2-9.6	732-764	≥ 30	≥ 2388	23-25	183-199	≤ 200
N28EH	10.4-10.8	1.04-1.08	9.8-10.2	780-812	≥ 30	≥ 2388	26-28	207-223	≤ 200
N30EH	10.8-11.2	1.08-1.12	10.1-10.6	804-844	≥ 30	≥ 2388	28-30	223-239	≤ 200
N33EH	11.4-11.7	1.14-1.17	10.3-11.0	820-876	≥ 30	≥ 2388	31-33	247-263	≤ 200
N35EH	11.7-12.1	1.17-1.21	10.8-11.5	860-915	≥ 30	≥ 2388	33-35	263-279	≤ 200