

烧结钕铁硼磁体

Sintered NdFeB Magnet

技术参数 Technical Parameters

Typical values at room temperature · 室温典型值

牌号	剩余磁感应强度Br	—	矫顽力Hcb	—	内禀矫顽力Hcj	—	最大磁能积 (BH)max	—	工作温度Tw
—	kGs	T	kOe	kA/m	kOe	kA/m	MGOe	kJ/m³	℃
N30	10.8–11.3	1.08–1.13	≥10	≥796	≥12	≥955	28–31	223–247	≤80
N33	11.3–11.8	1.13–1.18	≥10.5	≥836	≥12	≥955	31–34	247–271	≤80
N35	11.8–12.3	1.18–1.23	≥10.9	≥868	≥12	≥955	33–36	263–287	≤80
N38	12.3–12.6	1.23–1.26	≥11.3	≥899	≥12	≥955	36–39	287–311	≤80
N40	12.6–12.9	1.26–1.29	≥11.4	≥907	≥12	≥955	38–41	302–327	≤80
N42	12.9–13.3	1.29–1.33	≥11.5	≥915	≥12	≥955	40–43	318–342	≤80
N45	13.3–13.7	1.33–1.37	≥11.0	≥876	≥12	≥955	43–46	342–366	≤80
N48	13.7–14.1	1.37–1.41	≥10.5	≥836	≥11	≥876	45–49	358–390	≤80
N50	14.0–14.5	1.40–1.45	≥10.5	≥836	≥11	≥876	47–51	374–406	≤80
N52	14.3–14.8	1.43–1.48	≥10.5	≥836	≥11	≥876	49–53	390–422	≤80
N54	14.7–15.2	1.47–1.52	≥10.5	≥836	≥11	≥876	51–55	406–438	≤80
30M	10.8–11.3	1.08–1.13	≥10.0	≥796	≥14	≥1114	28–31	223–247	≤100
33M	11.3–11.8	1.13–1.18	≥10.5	≥836	≥14	≥1114	31–34	247–271	≤100
35M	11.8–12.3	1.18–1.23	≥10.9	≥868	≥14	≥1114	34–36	271–287	≤100
38M	12.3–12.6	1.23–1.26	≥11.3	≥899	≥14	≥1114	36–39	287–311	≤100
40M	12.6–12.9	1.26–1.29	≥11.6	≥923	≥14	≥1114	38–41	302–327	≤100
42M	12.9–13.3	1.29–1.33	≥12	≥955	≥14	≥1114	40–43	318–342	≤100
45M	13.3–13.7	1.33–1.37	≥12.5	≥955	≥14	≥1114	43–46	342–366	≤100
48M	13.7–14.1	1.37–1.41	≥12.9	≥1027	≥14	≥1114	45–49	358–390	≤100
50M	14.0–14.5	1.40–1.45	≥13.0	≥1033	≥14	≥1114	47–51	374–406	≤100
52M	14.3–14.8	1.43–1.48	≥13.1	≥1039	≥14	≥1114	49–53	390–422	≤100
30H	10.8–11.3	1.08–1.13	≥10.0	≥796	≥17	≥1353	28–31	223–247	≤120
33H	11.3–11.8	1.13–1.18	≥10.5	≥836	≥17	≥1353	31–34	247–271	≤120
35H	11.8–12.3	1.18–1.23	≥10.9	≥868	≥17	≥1353	33–36	263–287	≤120

烧结钕铁硼磁体（续1）

Sintered NdFeB Magnet (continued 1)

技术参数 Technical Parameters

Typical values at room temperature · 室温典型值

牌号	剩余磁感应强度Br	—	矫顽力Hcb	—	内禀矫顽力Hcj	—	最大磁能积 (BH)max	—	工作温度Tw
—	kGs	T	kOe	kA/m	kOe	kA/m	MGOe	kJ/m³	℃
38H	12.3~12.6	1.23~1.26	≥11.3	≥899	≥17	≥1353	36~39	287~311	≤120
40H	12.6~12.9	1.26~1.29	≥11.6	≥923	≥17	≥1353	38~41	302~327	≤120
42H	12.9~13.3	1.29~1.33	≥12.0	≥955	≥17	≥1353	40~43	318~342	≤120
45H	13.0~13.6	1.30~1.36	≥12.3	≥979	≥17	≥1353	43~46	342~366	≤120
48H	13.7~14.1	1.37~1.41	≥12.5	≥995	≥17	≥1353	46~49	366~390	≤120
50H	14.0~14.5	1.40~1.45	≥12.5	≥995	≥17	≥1353	47~51	374~406	≤120
52H	14.3~14.8	1.43~1.48	≥12.7	≥1010	≥17	≥1353	49~53	390~422	≤120
30SH	10.8~11.4	1.08~1.14	≥10.1	≥804	≥20	≥1592	28~31	223~247	≤150
33SH	11.4~11.8	1.14~1.18	≥10.6	≥844	≥20	≥1592	31~34	247~271	≤150
35SH	11.8~12.3	1.18~1.23	≥11.0	≥876	≥20	≥1592	33~36	263~287	≤150
38SH	12.3~12.6	1.23~1.26	≥11.4	≥907	≥20	≥1592	36~39	287~311	≤150
40SH	12.6~12.9	1.26~1.29	≥11.6	≥939	≥20	≥1592	38~41	302~326	≤150
42SH	12.9~13.3	1.29~1.33	≥12.4	≥987	≥20	≥1592	40~43	318~342	≤150
45SH	13.2~13.7	1.32~1.37	≥12.6	≥1003	≥20	≥1592	42~46	334~366	≤150
48SH	13.7~14.1	1.37~1.41	≥12.4	≥987	≥20	≥1592	46~49	366~390	≤150
28UH	10.2~10.8	1.02~1.08	≥9.6	≥764	≥25	≥1989	26~29	207~231	≤180
30UH	10.8~11.4	1.08~1.14	≥10.1	≥804	≥25	≥1989	28~31	223~247	≤180
33UH	11.4~11.8	1.14~1.18	≥10.7	≥852	≥25	≥1989	31~34	247~271	≤180
35UH	11.8~12.3	1.18~1.23	≥10.8	≥860	≥25	≥1989	33~36	263~287	≤180
38UH	12.3~12.6	1.23~1.26	≥11.3	≥899	≥25	≥1989	36~39	287~311	≤180
40UH	12.5~12.9	1.25~1.29	≥11.3	≥899	≥25	≥1989	38~41	302~326	≤180
42UH	12.8~13.3	1.28~1.33	≥11.6	≥923	≥25	≥1989	40~43	318~342	≤180
45UH	13.2~13.7	1.32~1.37	≥12.4	≥987	≥25	≥2149	42~46	334~366	≤180
28EH	10.4~10.8	1.04~1.08	≥9.8	≥780	≥30	≥2388	26~29	207~231	≤200

烧结钕铁硼磁体（续2）

Sintered NdFeB Magnet (continued 2)

技术参数 Technical Parameters

Typical values at room temperature · 室温典型值

牌号	剩余磁感应强度Br	—	矫顽力Hcb	—	内禀矫顽力Hcj	—	最大磁能积 (BH)max	—	工作温度Tw
—	kGs	T	kOe	kA/m	kOe	kA/m	MGOe	kJ/m³	℃
30EH	10.8~11.4	1.08~1.14	≥10.1	≥804	≥30	≥2388	28~31	223~247	≤200
33EH	11.4~11.8	1.14~1.18	≥10.3	≥820	≥30	≥2388	31~34	247~271	≤200
35EH	11.7~12.3	1.17~1.23	≥10.5	≥836	≥30	≥2388	33~36	263~287	≤200
38EH	12.2~12.6	1.22~1.26	≥11.3	≥899	≥30	≥2388	35~39	278~311	≤200
40EH	12.5~12.9	1.25~1.29	≥11.3	≥899	≥30	≥2388	38~41	302~326	≤200
28AH	10.4~10.9	1.04~1.09	≥9.8	≥780	≥35	≥2785	26~29	207~231	≤230
30AH	10.8~11.3	1.08~1.13	≥10.1	≥804	≥35	≥2785	28~31	223~247	≤230
33AH	11.3~11.8	1.13~1.18	≥10.3	≥820	≥33	≥2625	31~34	247~271	≤230
35AH	11.7~12.3	1.17~1.23	≥10.5	≥860	≥33	≥2625	33~36	263~287	≤230