

Typical Magnetic Properties of NdFeB Magnets

<u>Grade</u>	<u>Br (KG)</u>	<u>Hcb (KOe)</u>	<u>Hci (KOe)</u>	<u>BHmax (MGOe)</u>	<u>Working Temperature TW</u>
N35	11.7-12.2	≥10.9	≥12.0	33-36	80°C
N38	12.2-12.5	≥10.9	≥12.0	36-39	80°C
N40	12.5-12.8	≥11.4	≥12.0	38-41	80°C
N42	12.8-13.2	≥11.5	≥12.0	40-43	80°C
N45	13.2-13.8	≥11.6	≥12.0	43-46	80°C
N48	13.8-14.2	≥11.6	≥12.0	46-49	80°C
N50	14.0-14.5	≥10.0	≥11.0	48-51	80°C
N52	14.3-14.8	≥10.0	≥11.0	50-53	80°C
N55	14.5-15.0	≥10.0	≥11.0	53-55	80°C
35M	11.7-12.2	≥10.9	≥14.0	33-36	100°C
38M	12.2-12.5	≥11.3	≥14.0	36-39	100°C
40M	12.5-12.8	≥11.6	≥14.0	38-41	100°C
42M	12.8-13.2	≥12.0	≥14.0	40-43	100°C
45M	13.2-13.8	≥12.5	≥14.0	43-46	100°C
48M	13.6-14.3	≥12.9	≥14.0	46-49	100°C
50M	13.9-14.4	≥12.9	≥14.0	49-51	100°C
52M	14.2-14.7	≥12.9	≥14.0	50-53	100°C
35H	11.7-12.2	≥10.9	≥17.0	33-36	120°C
38H	12.2-12.5	≥11.3	≥17.0	36-39	120°C
40H	12.5-12.8	≥11.6	≥17.0	38-41	120°C
42H	12.8-13.2	≥12.0	≥17.0	40-43	120°C
45H	13.2-13.8	≥12.0	≥17.0	43-46	120°C
48H	13.7-14.3	≥12.5	≥17.0	46-49	120°C

50H	13.9-14.4	≥13.0	≥17.0	48-51	120°C
52H	14.2-14.7	≥13.0	≥17.0	49-53	120°C
35SH	11.7-12.2	≥11.0	≥20.0	33-36	150°C
38SH	12.2-12.5	≥11.4	≥20.0	36-39	150°C
40SH	12.4-12.8	≥11.8	≥20.0	38-41	150°C
42SH	12.8-13.2	≥12.4	≥20.0	40-43	150°C
45SH	13.2-13.8	≥12.6	≥20.0	43-46	150°C
48SH	13.6-14.2	≥12.6	≥20.0	45-49	150°C
50SH	13.9-14.5	≥12.6	≥20.0	48-50	150°C
52SH	14.2-14.7	≥12.6	≥20.0	49-53	150°C
35UH	11.8-12.2	≥10.8	≥25.0	33-36	180°C
38UH	12.2-12.5	≥11.3	≥25.0	36-39	180°C
40UH	12.4-12.8	≥11.3	≥25.0	38-41	180°C
42UH	12.7-13.2	≥12.0	≥25.0	40-43	180°C
45UH	13.2-13.7	≥12.5	≥25.0	43-46	180°C
48UH	13.7-14.3	≥12.5	≥25.0	46-49	180°C
30EH	10.8-11.3	≥10.2	≥30.0	28-31	200°C
35EH	11.7-12.2	≥11.0	≥30.0	33-36	200°C
38EH	12.2-12.5	≥11.3	≥30.0	36-39	200°C
40EH	12.5-12.8	≥11.5	≥30.0	38-41	200°C
42EH	12.7-13.2	≥12.0	≥30.0	40-43	200°C