

### NdFeB/Neodymium Magnets Performance Datasheet

Grade	Remanence (Br)		Coercive Force (Hcb)		Intrinsic Coercivity (Hcj)		Max. Energy Product (BH)max		Working Temp. °C	Curie Temp. °C
	mT	Gs	kA/m	Oe	kA/m	Oe	kJ/m <sup>3</sup>	MGOe		
N27	1,020-1,090	10,200-10,900	≥796	≥10,000	≥955	≥12,000	199-231	25-29	≤80	310
N30	1,080-1,150	10,800-11,500	≥796	≥10,000	≥955	≥12,000	223-255	28-32		
N33	1,130-1,180	11,300-11,800	≥836	≥10,500	≥955	≥12,000	247-270	31-34		
N35	1,180-1,230	11,800-12,300	≥868	≥10,900	≥955	≥12,000	263-287	33-36		
N38	1,220-1,280	12,200-12,800	≥899	≥11,300	≥955	≥12,000	287-310	36-39		
N40	1,260-1,310	12,600-13,100	≥923	≥11,600	≥955	≥12,000	302-326	38-41		
N42	1,280-1,340	12,800-13,400	≥923	≥11,600	≥955	≥12,000	318-342	40-43		
N45	1,320-1,370	13,200-13,700	≥876	≥11,000	≥955	≥12,000	342-366	43-46		
N48	1,360-1,420	13,600-14,200	≥836	≥10,500	≥876	≥11,000	358-390	45-48		
N50	1,390-1,450	13,900-14,500	≥836	≥10,500	≥876	≥11,000	374-406	47-51		
N52	1,420-1,480	14,200-14,800	≥796	≥10,000	≥876	≥11,000	390-422	49-53		
N35M	1,180-1,230	11,800-12,300	≥868	≥10,900	≥1,114	≥14,000	263-287	33-36	≤100	320
N38M	1,220-1,280	12,200-12,800	≥899	≥11,300	≥1,114	≥14,000	287-310	36-39		
N40M	1,260-1,310	12,600-13,100	≥923	≥11,600	≥1,114	≥14,000	302-326	38-41		
N42M	1,280-1,340	12,800-13,400	≥923	≥11,600	≥1,114	≥14,000	318-342	40-43		
N45M	1,340-1,390	13,400-13,900	≥876	≥11,000	≥1,114	≥14,000	342-366	43-46		
N48M	1,360-1,420	13,600-14,200	≥876	≥11,000	≥1,114	≥14,000	366-390	46-49		
N50M	1,390-1,450	13,900-14,500	≥1,035	≥13,000	≥1,114	≥14,000	374-406	47-51		
N15H	810-960	8,100-9,600	≥597	≥7,500	≥1,353	≥17,000	127-159	16-20	≤120	330
N25H	900-1,080	9,000-10,800	≥756	≥9,500	≥1,353	≥17,000	159-207	20-26		
N27H	1,020-1,060	10,200-10,600	≥764	≥9,600	≥1,353	≥17,000	199-215	25-27		
N30H	1,080-1,150	10,800-11,500	≥796	≥10,000	≥1,353	≥17,000	223-254	28-32		
N33H	1,130-1,180	11,300-11,800	≥836	≥10,500	≥1,353	≥17,000	247-270	31-34		
N35H	1,180-1,230	11,800-12,300	≥868	≥10,900	≥1,353	≥17,000	263-287	33-36		
N38H	1,220-1,280	12,200-12,800	≥899	≥11,300	≥1,353	≥17,000	287-310	36-39		
N40H	1,260-1,310	12,600-13,100	≥923	≥11,600	≥1,353	≥17,000	302-326	38-41		
N42H	1,280-1,340	12,800-13,400	≥923	≥11,600	≥1,353	≥17,000	318-342	40-43		
N45H	1,330-1,390	13,300-13,900	≥923	≥11,600	≥1,353	≥17,000	342-366	43-46		
N48H	1,360-1,420	13,600-14,200	≥923	≥11,600	≥1,274	≥16,000	366-390	46-49		
N27SH	1,020-1,060	10,200-10,600	≥780	≥9,800	≥1,592	≥20,000	199-215	25-27	≤150	340
N30SH	1,080-1,140	10,800-11,400	≥804	≥10,100	≥1,592	≥20,000	223-254	28-32		
N33SH	1,140-1,190	11,400-11,900	≥836	≥10,500	≥1,592	≥20,000	247-270	31-34		
N35SH	1,180-1,230	11,800-12,300	≥868	≥10,900	≥1,592	≥20,000	263-287	33-36		
N38SH	1,220-1,280	12,200-12,800	≥899	≥11,300	≥1,592	≥20,000	287-310	36-39		
N40SH	1,260-1,310	12,600-13,100	≥923	≥11,600	≥1,592	≥20,000	302-326	38-41		
N42SH	1,280-1,340	12,800-13,400	≥923	≥11,600	≥1,592	≥20,000	318-342	40-43		
N45SH	1,330-1,390	13,300-13,900	≥923	≥11,600	≥1,592	≥20,000	342-366	43-46		

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Grade	Remanence (Br)		Coercive Force (Hcb)		Intrinsic Coercivity (Hcj)		Max. Energy Product (BH)max		Working Temp. °C	Curie Temp. °C
	mT	Gs	kA/m	Oe	kA/m	Oe	kJ/m <sup>3</sup>	MGOe		
N28UH	1,030-1,090	10,300-10,900	≥780	≥9,800	≥1,990	≥25,000	207-231	26-29	≤180	350
N30UH	1,090-1,140	10,900-11,400	≥812	≥10,200	≥1,990	≥25,000	223-247	28-31		
N33UH	1,130-1,170	11,300-11,700	≥852	≥10,700	≥1,990	≥25,000	247-263	31-33		
N35UH	1,180-1,220	11,800-12,200	≥868	≥10,900	≥1,990	≥25,000	263-287	33-36		
N38UH	1,220-1,270	12,200-12,700	≥899	≥11,300	≥1,990	≥25,000	287-310	36-39		
N28EH	1,030-1,090	10,300-10,900	≥780	≥9,800	≥2,388	≥30,000	207-231	26-29	≤200	380
N30EH	1,080-1,130	10,800-11,300	≥812	≥10,200	≥2,388	≥30,000	223-247	28-31		
N33EH	1,130-1,170	11,300-11,700	≥852	≥10,700	≥2,388	≥30,000	247-263	31-33		
N35EH	1,180-1,220	11,800-12,200	≥868	≥10,900	≥2,388	≥30,000	263-287	33-36		
N38EH	1,220-1,270	12,200-12,700	≥915	≥11,500	≥2,388	≥30,000	279-310	35-39		
N28AH	1,020-1,090	10,200-10,900	≥780	≥9,800	≥2,706	≥34,000	199-231	25-29	≤230	380
N30AH	1,070-1,130	10,700-11,300	≥812	≥10,200	≥2,706	≥34,000	215-247	27-31		
N33AH	1,110-1,170	11,100-11,700	≥820	≥10,500	≥2,706	≥34,000	239-271	30-34		
N35AH	1,170-1,220	11,700-12,200	≥883	≥11,100	≥2,706	≥34,000	263-287	33-36		

If in any doubt, please contact us for technical assistance.

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