



NdFeB Magnets

Magnetic characteristics at room temperature

| Grade | Remanence Br T | | Coercive force bHc kA/m | | Coercive force jHc kA/m min. | Energy product (BH)max kJ/m ³ | | Working temperature °C max. |
|--------|----------------------|------|-------------------------------|------|---------------------------------------|--|------|--------------------------------------|
| | nom. | min. | nom. | min. | | nom. | min. | |
| N 35 | 1,20 | 1,17 | 915 | 860 | 955 | 279 | 263 | 80 |
| N 38 | 1,26 | 1,22 | 915 | 900 | 955 | 303 | 287 | 80 |
| N 40 | 1,29 | 1,26 | 920 | 900 | 955 | 318 | 303 | 80 |
| N 42 | 1,31 | 1,29 | 930 | 910 | 955 | 342 | 326 | 80 |
| N 45 | 1,36 | 1,33 | 950 | 920 | 955 | 358 | 342 | 80 |
| N 48 | 1,40 | 1,38 | 860 | 810 | 875 | 383 | 367 | 80 |
| N 50 | 1,43 | 1,41 | 860 | 790 | 875 | 398 | 383 | 80 |
| N 52 | 1,47 | 1,44 | 836 | 780 | 875 | 414 | 389 | 80 |
| N 30M | 1,12 | 1,08 | 830 | 790 | 1114 | 239 | 223 | 100 |
| N 35M | 1,20 | 1,17 | 910 | 860 | 1114 | 279 | 263 | 100 |
| N 38M | 1,26 | 1,22 | 930 | 900 | 1114 | 303 | 287 | 100 |
| N 40M | 1,29 | 1,26 | 950 | 920 | 1114 | 318 | 303 | 100 |
| N 42M | 1,32 | 1,29 | 980 | 950 | 1114 | 342 | 326 | 100 |
| N 45M | 1,35 | 1,33 | 1000 | 830 | 1114 | 358 | 342 | 100 |
| N 48M | 1,40 | 1,38 | 1050 | 1020 | 1114 | 383 | 367 | 100 |
| N 30H | 1,12 | 1,08 | 830 | 790 | 1353 | 239 | 223 | 120 |
| N 33H | 1,17 | 1,13 | 870 | 830 | 1353 | 263 | 247 | 120 |
| N 35H | 1,20 | 1,17 | 910 | 860 | 1353 | 279 | 263 | 120 |
| N 38H | 1,26 | 1,22 | 930 | 900 | 1353 | 303 | 287 | 120 |
| N 40H | 1,28 | 1,26 | 950 | 920 | 1353 | 318 | 303 | 120 |
| N 42H | 1,30 | 1,28 | 980 | 950 | 1353 | 342 | 326 | 120 |
| N 45H | 1,35 | 1,33 | 1000 | 970 | 1353 | 358 | 342 | 120 |
| N 30SH | 1,12 | 1,08 | 830 | 800 | 1595 | 239 | 223 | 150 |
| N 33SH | 1,17 | 1,14 | 870 | 840 | 1595 | 263 | 247 | 150 |
| N 35SH | 1,20 | 1,17 | 910 | 870 | 1595 | 279 | 263 | 150 |
| N 38SH | 1,25 | 1,22 | 950 | 900 | 1595 | 303 | 287 | 150 |
| N 40SH | 1,27 | 1,25 | 970 | 930 | 1595 | 318 | 303 | 150 |
| N 42SH | 1,30 | 1,28 | 980 | 950 | 1595 | 342 | 326 | 150 |
| N 45SH | 1,35 | 1,33 | 1000 | 970 | 1595 | 358 | 342 | 150 |
| N 28UH | 1,08 | 1,04 | 810 | 780 | 1990 | 223 | 207 | 180 |
| N 30UH | 1,12 | 1,08 | 840 | 800 | 1990 | 239 | 223 | 180 |
| N 33UH | 1,15 | 1,13 | 870 | 840 | 1990 | 263 | 247 | 180 |
| N 35UH | 1,19 | 1,17 | 910 | 870 | 1990 | 279 | 263 | 180 |
| N 38UH | 1,25 | 1,20 | 950 | 900 | 1990 | 303 | 287 | 180 |
| N 40UH | 1,27 | 1,25 | 970 | 930 | 1990 | 318 | 303 | 180 |
| N 42UH | 1,3 | 1,28 | 980 | 950 | 1990 | 342 | 326 | 180 |
| N 28EH | 1,08 | 1,04 | 810 | 780 | 2388 | 223 | 207 | 200 |
| N 30EH | 1,12 | 1,08 | 840 | 800 | 2388 | 239 | 223 | 200 |
| N 33EH | 1,16 | 1,12 | 870 | 830 | 2388 | 263 | 239 | 200 |
| N 35EH | 1,19 | 1,17 | 910 | 860 | 2388 | 279 | 263 | 200 |
| N 28AH | 1,08 | 1,04 | 810 | 780 | 2785 | 223 | 207 | 220 |
| N 30AH | 1,16 | 1,12 | 840 | 800 | 2785 | 239 | 223 | 220 |
| N 33AH | 1,16 | 1,12 | 870 | 830 | 2785 | 263 | 247 | 220 |
| N 35AH | 1,16 | 1,12 | 910 | 860 | 2785 | 279 | 263 | 220 |

The given data are indications only. Guaranteed characteristics are to be agreed and confirmed in writing.