

# 热压钕铁硼磁体磁性能参数

Magnetic Properties of Hot Deformed NdFeB



AIC Engineering  
骏材磁应用  
MAGNETIC SOLUTIONS

磁性能参数 Magnetic Properties

Typical values at room temperature · 室温典型值

| Grade                    | Br        |           | Hcb (≥) |      | Hcj (≥) |      | (BH)max   |         | μr   | Saturation<br>Magnetizing Force | Density |
|--------------------------|-----------|-----------|---------|------|---------|------|-----------|---------|------|---------------------------------|---------|
|                          | kG        | T         | kOe     | kA/m | kOe     | kA/m | MGOe      | kJ/m³   |      |                                 |         |
| 各向异性磁环 Anisotropic Rings |           |           |         |      |         |      |           |         |      |                                 |         |
| GHM-40R                  | 12.6~13.3 | 1.26~1.33 | 11.1    | 885  | 13.0    | 1040 | 38.0~42.0 | 300~335 | 1.05 | ≥1990                           | 7.55    |
| GHM-43R                  | 12.9~13.6 | 1.29~1.36 | 11.2    | 890  | 11.5    | 915  | 40.0~44.0 | 320~350 | 1.05 | ≥1990                           | 7.55    |
| GHM-48R                  | 13.8~14.4 | 1.38~1.44 | 10.0    | 795  | 10.5    | 835  | 45.0~49.0 | 360~395 | 1.05 | ≥1990                           | 7.55    |
| GHM-32HR                 | 11.2~12.2 | 1.12~1.22 | 10.1    | 805  | 15.0    | 1190 | 30.0~34.0 | 240~270 | 1.05 | ≥1990                           | 7.55    |
| GHM-36HR                 | 12.0~12.8 | 1.20~1.28 | 10.8    | 860  | 14.5    | 1160 | 34.0~38.0 | 270~300 | 1.05 | ≥1990                           | 7.55    |
| GHM-40HR                 | 12.5~13.4 | 1.25~1.34 | 11.1    | 885  | 14.0    | 1120 | 37.0~42.0 | 295~335 | 1.05 | ≥1990                           | 7.55    |
| GHM-44HR                 | 13.2~13.8 | 1.32~1.38 | 11.8    | 940  | 13.5    | 1080 | 42.0~45.0 | 335~360 | 1.05 | ≥1990                           | 7.55    |
| GHM-31SHR                | 11.0~11.9 | 1.10~1.19 | 10.2    | 815  | 20.0    | 1600 | 29.0~33.0 | 230~265 | 1.05 | ≥2390                           | 7.60    |
| GHM-35SHR                | 11.8~12.6 | 1.18~1.26 | 11.1    | 880  | 19.0    | 1510 | 33.0~37.0 | 265~295 | 1.05 | ≥2390                           | 7.60    |
| GHM-39SHR                | 12.5~13.2 | 1.25~1.32 | 11.9    | 950  | 18.0    | 1440 | 37.0~41.0 | 295~325 | 1.05 | ≥2390                           | 7.60    |
| GHM-42SHR                | 12.8~13.5 | 1.28~1.35 | 12.2    | 970  | 17.0    | 1350 | 39.0~43.0 | 310~345 | 1.05 | ≥2390                           | 7.60    |
| GHM-39UHR                | 12.5~13.2 | 1.25~1.32 | 11.9    | 950  | 21.0    | 1680 | 37.0~41.0 | 295~325 | 1.05 | ≥2390                           | 7.60    |
| 各向同性磁环 Isotropic Rings   |           |           |         |      |         |      |           |         |      |                                 |         |
| GHM-17R                  | 8.5~9.1   | 0.85~0.91 | 7.2     | 575  | 14.0    | 1120 | 16.0~18.0 | 125~145 | —    | ≥1990                           | 7.55    |
| GHM-16HR                 | 8.2~8.8   | 0.82~0.88 | 7.0     | 560  | 16.0    | 1280 | 15.0~17.0 | 120~135 | —    | ≥2390                           | 7.55    |
| GHM-16SHR                | 8.0~8.6   | 0.80~0.86 | 7.1     | 565  | 20.0    | 1590 | 14.5~16.5 | 115~135 | —    | ≥2390                           | 7.60    |
| GHM-14UHR                | 7.6~8.1   | 0.76~0.81 | 6.6     | 525  | 22.0    | 1750 | 12.0~15.5 | 95~125  | —    | ≥2590                           | 7.60    |

上表只列出了基本的磁性能规格，磁性能和尺寸可以根据客户图纸要求进行定制。  
The above table lists only the basic magnetic properties specifications; magnetic properties and dimension can be customized according to customer's requirements.



骏材（深圳）磁应用科技有限公司  
AIC ENGINEERING LTD.

Tel (+86) 755-8664 1955  
Addr 深圳市南山区朗山二号路豪威大厦 B 座 401 室

Web www.aicengineering.com  
Addr Room 401, Tower B, Haowei Bldg., No. 2 Langshan Rd., Nanshan, Shenzhen, China