



Nd-Fe-B Hot Working MAGNET ネオジム熱間加工磁石 (MQ3)



| JMIグレード | 残留磁束密度 | | 保磁力 | | | | 最大エネルギー積 | | リコイル比透磁率 | 密度 | 最大動作温度 | |
|----------------------|-----------|-----------|----------|-----------|-----------|-----------|-------------------|-----------|-------------|-------------------|--------|------|
| 記号 | Br | | Hcb | | Hcj | | (BH)max | | μ_{rec} | ρ | T_w | |
| 表記単位 | T | kG | kA/m | kOe | kA/m | kOe | kJ/m ³ | MGOe | - | g/cm ³ | °C | |
| JMI-MQ3-43R | 1.29-1.36 | 12.9-13.6 | 910-1010 | 11.4-12.7 | 880-1120 | 11.0-14.0 | 320-350 | 40.0-44.0 | 1.05 | 7.55 | 200 | |
| JMI-MQ3-48R | 1.38-1.44 | 13.8-14.4 | 915-1020 | 11.5-12.8 | 800-1075 | 10.0-13.5 | 360-395 | 45.0-49.0 | | | | |
| JMI-MQ3-32HR | 1.12-1.22 | 11.2-12.2 | 805-895 | 10.1-11.2 | 1190-1480 | 15.0-18.5 | 240-270 | 30.0-34.0 | | | | |
| JMI-MQ3-36HR | 1.20-1.28 | 12.0-12.8 | 860-940 | 10.8-11.8 | 1160-1440 | 14.5-18.0 | 270-300 | 34.0-38.0 | | | | |
| JMI-MQ3-40HR | 1.25-1.34 | 12.5-13.4 | 885-1000 | 11.1-12.5 | 1120-1400 | 14.0-17.5 | 295-335 | 37.0-42.0 | | | | |
| JMI-MQ3-44HR | 1.32-1.38 | 13.2-13.8 | 940-1050 | 11.8-13.2 | 1080-1360 | 13.5-17.0 | 335-360 | 42.0-45.0 | | | | |
| JMI-MQ3-35SHR | 1.18-1.26 | 11.8-12.6 | 880-950 | 11.1-11.9 | 1510-1760 | 19.0-22.0 | 265-295 | 33.0-37.0 | | | | 7.60 |
| JMI-MQ3-42SHR | 1.28-1.35 | 12.8-13.5 | 970-1035 | 12.2-13.0 | 1350-1600 | 17.0-20.0 | 310-345 | 39.0-43.0 | | | | |
| JMI-MQ3-39UHR | 1.25-1.32 | 12.5-13.2 | 950-1030 | 11.9-12.9 | 1680-1920 | 21.0-24.0 | 295-325 | 37.0-41.0 | | | | |

表面処理 (参考値)

| 種類種別 | 有機塗装系 | |
|---------|-----------------------|----------------|
| | エポキシ電着塗装 | エポキシスプレー塗装 |
| | Electrophoresis Epoxy | Spraying Epoxy |
| 表見色 | Black or Gray | Black or Gray |
| 膜厚 (μm) | 15-30 | 15-30 |
| 耐湿PTC | <96Hr | <240Hr |
| 塩水噴霧 | <500Hr | <500Hr |
| 耐熱温度 | <160°C | <200°C |

Japan Magnets, Inc

Head Office / Japan Bldg 4F, 1-1646-2, Kamikawa, Suwa, Nagano, Japan zipcode 392-0021

Tel / +81-266-56-1021

Fax / +81-266-56-1430

HP / <https://www.jmi-motion.com>