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Summary

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Size

2M

Series

M - Rugged Ratchet coupling

https://www.lemo.com/int_en/solutions/optima/m-ratchet-coupling/bmk-2m-200-caz.html

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Technical details

Form & Material

| | |
|------------------------|---|
| Shell style / Model id | BMK - Blanking caps, large washer for fixed sockets(knurled grip) |
| Housing material | Brass (chrome plated [SAE AMS 2460]) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces |
| Keying | 3 keys (alpha=42, gamma=30, plug: male contacts, receptacle: female contacts) |
| Colour | Grey |
| Weight | 6.88 g |

Environment

| | |
|-----------------------------------|--|
| Technical domain | Motorsport, Security and Defence, Transportation, Aerospace and UAV |
| Environmental sealing (IP rating) | IP68 |
| Temperature range | -55°C / +135°C |
| EMI Shielding EIA 364-66A | >= 80 dB (1 GHz), >=70 dB (3 GHz), >= 58 dB (6 GHz), >= 40 dB (10 GHz) |
| Gunfire vibration | 25 Hz - 2000 Hz, 3 axis (Apache helicopter) |
| Humidity (max) | 21 days at 95% |
| Lighting strike EIA 364-76 | 10K amps - 6 times |
| Shock Resistance | 300 g [3 ms] |
| Thermal shock | 5 cycles: -65°C to +150°C |
| Vibration-Random | 37.8 g rms - 3 axes, 4 hr amb [50 Hz - 2000 Hz] |
| Vibration-Sine | 30 g, 3 axes, 12 hr [10 Hz - 2000 Hz] |
| Salt Spray Corrosion | >1000 hr |

Dimensions

| | A | C | L | N | P | X |
|-----|----------|----------|----------|----------|----------|----------|
| mm. | 17.6 | 17.2 | 17.2 | 21 | 23.4 | 85 |
| in. | 0.69 | 0.68 | 0.68 | 0.83 | 0.92 | 3.35 |

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