



Swivel Hoist Ring 8-231

Product information

- Rotates through 360° and pivot 180°, and simultaneously allows lifting from any direction.
- Manufactured from forged alloy steel, quenched and tempered.
- Load rated parts are 100% magnaflux crack detected.
- Individual forged parts and cap screw are traceable to Test Certification.
- Bolt are Metric thread (ASME / ANSI B18.3.1M).
- Proof tested to 2.5 times the WLL.
- Fatigue rated to 1.5 times the WLL.
- Quick and simple assembly, just a tapped hole is required.

Features: Built-in RFID/NFC chip

Material: Forged alloy steel, quenched and tempered

Marking: According to standard, CE-marked, WLL, size, steel quality, manufacturer ID and traceability

Temperature range: -40° up to +200°C (without reduction in WLL).

Finish: Painted

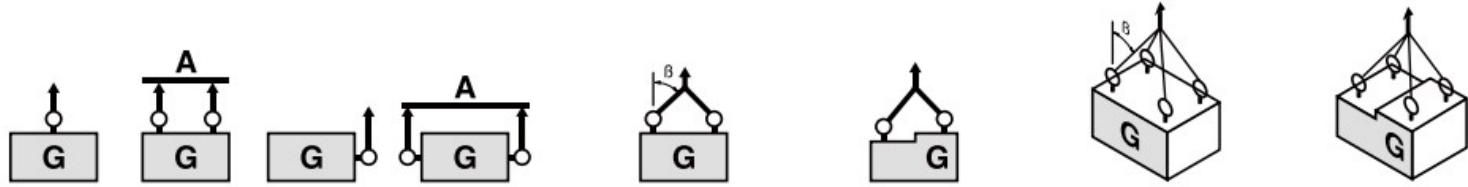
Standard: EN 1677-1

Safety factor: 4:1

| Part code | WLL ton | Thread mm | Torque Nm | Pitch DIN13 | A mm | B mm | C mm | D, mm | F mm | G, mm | Rmm mm | SWmm mm | Imm mm | E mm | Mmm mm | Weight kg | Delivery time |
|-------------|---------|-----------|-----------|-------------|------|------|------|-------|------|-------|--------|---------|--------|------|--------|-----------|---------------|
| 42158231007 | 0.7 | M 10 | 60 | 1,5 | 33 | 41 | 29 | 11 | 80 | 58 | 17 | 17 | 44 | 15 | M 10 | 0.3 | 3 |
| 42158231010 | 1 | M 12 | 100 | 1,75 | 33 | 39 | 31 | 11 | 80 | 58 | 17 | 19 | 44 | 20 | M 12 | 0.3 | 3 |
| 42158231015 | 1.5 | M 14 | 120 | 2 | 50 | 56 | 45 | 17 | 116 | 90 | 27 | 22 | 63 | 21 | M 14 | 0.9 | 3 |
| 42158231020 | 2 | M 16 | 150 | 2 | 50 | 54 | 46 | 17 | 116 | 90 | 27 | 24 | 63 | 24 | M 16 | 0.9 | 3 |
| 42158231025 | 2.5 | M 18 | 200 | 2,5 | 65 | 77 | 57 | 20 | 155 | 108 | 34 | 30 | 86 | 26 | M 18 | 1.9 | 3 |
| 42158231030 | 3 | M 20 | 250 | 2,5 | 51 | 52 | 49 | 17 | 116 | 90 | 27 | 30 | 63 | 30 | M 20 | 1 | 3 |
| 42158231050 | 5 | M 24 | 400 | 3 | 72 | 81 | 59 | 25 | 163 | 126 | 37 | 36 | 88 | 36 | M 24 | 2.6 | 7 |
| 42158231056 | 5.6 | M 27 | 400 | 3 | 87 | 96 | 79 | 30 | 204 | 148 | 46 | 41 | 110 | 38 | M 27 | 4.9 | 3 |
| 42158231078 | 7.8 | M 30 | 500 | 3,5 | 87 | 94 | 81 | 30 | 204 | 148 | 46 | 46 | 110 | 48 | M 30 | 5 | 7 |
| 42158231125 | 12.5 | M 36 | 1,000 | 4 | 110 | 112 | 98 | 36 | 248 | 188 | 57 | 55 | 128 | 54 | M 36 | 9.6 | 3 |
| 42158231156 | 15.6 | M 42 | 1,500 | 4,5 | 110 | 101 | 108 | 36 | 248 | 188 | 57 | 65 | 128 | 63 | M 42 | 10.9 | 7 |
| 42158231200 | 20 | M 48 | 2,000 | 5 | 110 | 97 | 112 | 36 | 248 | 188 | 57 | 75 | 128 | 72 | M 48 | 11.6 | 7 |
| 42158231220 | 22 | M 56 | 2,100 | 5,5 | 123 | 116 | 121 | 36 | 274 | 202 | 64 | 85 | 146 | 84 | M 56 | 15 | 7 |
| 42158231225 | 22.5 | M 64 | 2,200 | 6 | 123 | 111 | 126 | 36 | 274 | 202 | 64 | 95 | 146 | 100 | M 64 | 16.3 | 7 |

Technical data

Kind of attachment



| Number of legs | | 1 | 2 | 1 | 2 | 2 | 2 | 2 | 3-4 | 3-4 | 3-4 |
|----------------|--------|--------|------|------|------|-------|----------|---------|---------|----------|---------|
| Load direction | | 0° | 0° | 90° | 90° | 0-45° | 45°- 60° | unsymm. | 0 - 45° | 45°- 60° | unsymm. |
| Item No. | Thread | WLL(t) | | | | | | | | | |
| 8-231-005 | M 8 | 0.8 | 1.6 | 0.5 | 1.0 | 0.7 | 0.5 | 0.5 | 1.10 | 0.80 | 0.5 |
| 8-231-007 | M 10 | 1.2 | 2.4 | 0.7 | 1.4 | 1.0 | 0.7 | 0.7 | 1.50 | 1.10 | 0.7 |
| 8-231-010 | M 12 | 1.5 | 3.0 | 1.0 | 2.0 | 1.4 | 1.0 | 1.0 | 2.10 | 1.50 | 1.0 |
| 8-231-015 | M 14 | 2.4 | 4.8 | 1.5 | 3.0 | 2.1 | 1.5 | 1.5 | 3.20 | 2.30 | 1.5 |
| 8-231-020 | M 16 | 3.2 | 6.4 | 2.0 | 4.0 | 2.8 | 2.0 | 2.0 | 4.20 | 3.00 | 2.0 |
| 8-231-025 | M 18 | 5.0 | 10.0 | 2.5 | 5.0 | 3.5 | 2.5 | 2.5 | 5.30 | 3.80 | 2.5 |
| 8-231-030 | M 20 | 4.5 | 9.0 | 3.0 | 6.0 | 4.2 | 3.0 | 3.0 | 6.30 | 4.50 | 3.0 |
| 8-231-050 | M 24 | 9.0 | 18.0 | 5.0 | 10.0 | 7.0 | 5.0 | 5.0 | 10.50 | 7.50 | 5.0 |
| 8-231-056 | M 27 | 9.5 | 19.0 | 5.6 | 11.2 | 7.8 | 5.6 | 5.6 | 11.80 | 8.40 | 5.6 |
| 8-231-078 | M 30 | 12.0 | 24.0 | 7.8 | 15.6 | 10.9 | 7.8 | 7.8 | 16.40 | 11.70 | 7.8 |
| 8-231-080 | M36 | 13.0 | 26.0 | 8.0 | 16.0 | 11.2 | 8.0 | 8.0 | 16.80 | 12.00 | 8.0 |
| 8-231-100 | M36 | 13.0 | 26.0 | 10.0 | 20.0 | 14.0 | 10.0 | 10.0 | 21.00 | 15.00 | 10.0 |
| 8-231-125 | M 36 | 14.0 | 28.0 | 12.5 | 25.0 | 17.5 | 12.5 | 12.5 | 26.30 | 18.80 | 12.5 |
| 8-231-156 | M 42 | 16.0 | 32.0 | 15.6 | 31.2 | 21.8 | 15.6 | 15.6 | 32.80 | 23.40 | 15.6 |
| 8-231-200 | M 48 | 20.0 | 40.0 | 20.0 | 40.0 | 28.0 | 20.0 | 20.0 | 42.00 | 30.00 | 20.0 |
| 8-231-220 | M 56 | 22.0 | 44.0 | 22.0 | 44.0 | 30.8 | 22.0 | 22.0 | 46.20 | 33.00 | 22.0 |
| 8-231-225 | M 64 | 22.5 | 45.0 | 22.5 | 45.0 | 31.5 | 22.5 | 22.5 | 47.25 | 33.75 | 22.5 |

Blueprint

