



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.
- All YOKE Lifting points meet or exceed all the requirements of ASME B30.26.
- 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 | Torque Nm | Thread M mm | Thread length (E) mm | Pitch DIN13 | A mm | B mm | C mm | D mm | F mm | G mm | R mm | SW mm | I mm | Weight kg |
|-------------|---------|-----------|-------------|----------------------|-------------|------|------|------|------|------|------|------|-------|------|-----------|
| 42158231005 | 0.5 | 30 | M 8 | 12 | 1,25 | 33 | 42 | 28 | 11 | 80 | 58 | 17 | 13 | 44 | 0.3 |
| 42158231007 | 0.7 | 60 | M 10 | 15 | 1,5 | 33 | 41 | 29 | 11 | 80 | 58 | 17 | 17 | 44 | 0.3 |
| 42158231010 | 1 | 100 | M 12 | 20 | 1,75 | 33 | 39 | 31 | 11 | 80 | 58 | 17 | 19 | 44 | 0.3 |
| 42158231015 | 1.5 | 120 | M 14 | 21 | 2 | 50 | 56 | 45 | 17 | 116 | 90 | 27 | 22 | 63 | 0.9 |
| 42158231020 | 2 | 150 | M 16 | 24 | 2 | 50 | 54 | 46 | 17 | 116 | 90 | 27 | 24 | 63 | 0.9 |
| 42158231025 | 2.5 | 200 | M 18 | 26 | 2,5 | 65 | 77 | 57 | 20 | 155 | 108 | 34 | 30 | 86 | 1.9 |
| 42158231030 | 3 | 250 | M 20 | 30 | 2,5 | 51 | 52 | 49 | 17 | 116 | 90 | 27 | 30 | 63 | 1 |
| 42158231050 | 5 | 400 | M 24 | 36 | 3 | 72 | 81 | 59 | 25 | 163 | 126 | 37 | 36 | 88 | 2.6 |
| 42158231056 | 5.6 | 400 | M 27 | 38 | 3 | 87 | 96 | 79 | 30 | 204 | 148 | 46 | 41 | 110 | 4.9 |
| 42158231078 | 7.8 | 500 | M 30 | 48 | 3,5 | 87 | 94 | 81 | 30 | 204 | 148 | 46 | 46 | 110 | 5 |
| 42158231125 | 12.5 | 1,000 | M 36 | 54 | 4 | 110 | 112 | 98 | 36 | 248 | 188 | 57 | 55 | 128 | 9.6 |
| 42158231156 | 15.6 | 1,500 | M 42 | 63 | 4,5 | 110 | 101 | 108 | 36 | 248 | 188 | 57 | 65 | 128 | 10.9 |
| 42158231200 | 20 | 2,000 | M 48 | 72 | 5 | 110 | 97 | 112 | 36 | 248 | 188 | 57 | 75 | 128 | 11.6 |
| 42158231220 | 22 | 2,100 | M 56 | 84 | 5,5 | 123 | 116 | 121 | 36 | 274 | 202 | 64 | 85 | 146 | 15 |
| 42158231225 | 22.5 | 2,200 | M 64 | 100 | 6 | 123 | 111 | 126 | 36 | 274 | 202 | 64 | 95 | 146 | 16.3 |

Technical data

| Lifting method | □ | □ | □ | □ | □ | □ | □ | □ | □ | □ |
|----------------------|---------------------|-----|------|------|--------|---------|--------|---------|---------|---------|
| No of legs | 1 | 2 | 1 | 2 | 2 | 2 | 3-4 | 3-4 | 2 | 3-4 |
| Angle of inclination | 0° | 0° | 90° | 90° | 0°-45° | 45°-60° | 0°-45° | 45°-60° | unsymm. | unsymm. |
| Thread | Load capacity (ton) | | | | | | | | | |
| M 8 | 0,8 | 1,6 | 0,5 | 1 | 0,7 | 0,5 | 1,1 | 0,8 | 0,5 | 0,5 |
| M 10 | 1,2 | 2,4 | 0,7 | 1,4 | 1 | 0,7 | 1,5 | 1,1 | 0,7 | 0,7 |
| M 12 | 1,5 | 3 | 1 | 2 | 1,4 | 1 | 2,1 | 1,5 | 1 | 1 |
| M 14 | 2,4 | 4,8 | 1,5 | 3 | 2,1 | 1,5 | 3,2 | 2,3 | 1,5 | 1,5 |
| M 16 | 3,2 | 6,4 | 2 | 4 | 2,8 | 2 | 4,2 | 3 | 2 | 2 |
| M 18 | 5 | 10 | 2,5 | 5 | 3,5 | 2,5 | 5,3 | 3,8 | 2,5 | 2,5 |
| M 20 | 4,5 | 9 | 3 | 6 | 4,2 | 3 | 6,3 | 4,5 | 3 | 3 |
| M 24 | 9 | 18 | 5 | 10 | 7 | 5 | 10,5 | 7,5 | 5 | 5 |
| M 27 | 9,5 | 19 | 5,6 | 11,2 | 7,8 | 5,6 | 11,8 | 8,4 | 5,6 | 5,6 |
| M 30 | 12 | 24 | 7,8 | 15,6 | 10,9 | 7,8 | 16,4 | 11,7 | 7,8 | 7,8 |
| M 36 | 14 | 28 | 12,5 | 25 | 17,5 | 12,5 | 26,3 | 18,8 | 12,5 | 12,5 |
| M 42 | 16 | 32 | 15,6 | 31,2 | 21,8 | 15,6 | 32,8 | 23,4 | 15,6 | 15,6 |
| M 48 | 20 | 40 | 20 | 40 | 28 | 20 | 42 | 30 | 20 | 20 |
| M 56 | 22 | 44 | 22 | 44 | 30,8 | 22 | 46,2 | 33 | 22 | 22 |
| M 64 | 22,5 | 45 | 22,5 | 45 | 31,5 | 22,5 | 47,3 | 33,8 | 22,5 | 22,5 |

Blueprint

