



Hoist Ring 8-203

Product information

Rotates through 360° and pivot 180°, rated at 100% at 90° angle.

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.

Material: Manufactured from forged alloy steel, quenched and tempered.


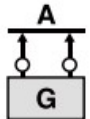

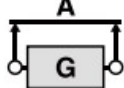
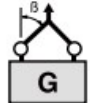
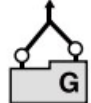

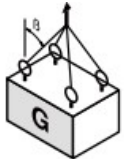
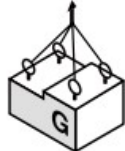
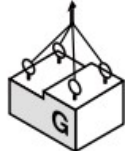
Marking: According to standard, CE-marked

Standard: EN 1677-1

Safety factor: 4:1

| Part code | WLL ton | Thread | Torque Nm | A | B mm | C mm | D mm | E mm | F mm | G mm | M mm | Weight kg |
|--------------|---------|----------|-----------|-----|------|------|------|------|------|------|------|-----------|
| 42158203004 | 0.5 | M8x1.25 | 10 | 40 | 41 | 41 | 10 | 17 | 101 | 65 | M8 | 0.4 |
| 42158203005 | 0.55 | M10x1.5 | 16 | 40 | 41 | 43 | 10 | 11 | 101 | 65 | M10 | 0.5 |
| 42158203005L | 0.55 | M10x1.5 | 16 | 40 | 41 | 43 | 10 | 26 | 101 | 65 | M10 | 0.5 |
| 42158203010 | 1.3 | M12x1.75 | 38 | 65 | 59 | 57 | 15 | 15 | 157 | 104 | M12 | 1.7 |
| 42158203010L | 1.3 | M12x1.75 | 38 | 65 | 59 | 57 | 15 | 30 | 157 | 104 | M12 | 1.7 |
| 42158203019 | 2.4 | M16x2 | 81 | 65 | 59 | 61 | 15 | 20 | 157 | 104 | M16 | 1.8 |
| 42158203019L | 2.4 | M16x2 | 81 | 65 | 59 | 61 | 15 | 35 | 157 | 104 | M16 | 1.8 |
| 42158203021 | 2.7 | M20x2.5 | 136 | 65 | 59 | 65 | 15 | 25 | 157 | 104 | M20 | 1.8 |
| 42158203021L | 2.7 | M20x2.5 | 136 | 65 | 59 | 65 | 15 | 45 | 157 | 104 | M20 | 1.9 |
| 42158203030 | 3.75 | M20x2.5 | 136 | 85 | 74 | 74 | 22 | 25 | 203 | 134 | M20 | 4 |
| 42158203030L | 3.75 | M20x2.5 | 136 | 85 | 74 | 74 | 22 | 45 | 203 | 134 | M20 | 5.2 |
| 42158203042 | 5.25 | M24x3 | 312 | 85 | 74 | 78 | 22 | 26 | 203 | 134 | M24 | 4.2 |
| 42158203042L | 5.25 | M24x3 | 312 | 85 | 74 | 78 | 22 | 56 | 203 | 134 | M24 | 4.3 |
| 42158203070 | 8.75 | M30x3.5 | 637 | 100 | 80 | 77 | 25 | 81 | 216 | 160 | M30 | 6.6 |
| 42158203110 | 13.75 | M36x4 | 1,005 | 120 | 106 | 108 | 36 | 76 | 306 | 220 | M36 | 15 |
| 42158203125 | 15.6 | M42x4.5 | 1,005 | 120 | 106 | 111 | 36 | 65 | 305 | 220 | M42 | 16 |
| 42158203135 | 16.9 | M48x5 | 1,350 | 120 | 106 | 115 | 36 | 70 | 306 | 220 | M48 | 16 |
| 42158203155 | 19.4 | M56x5.5 | 1,350 | 138 | 109 | - | 34 | 94 | 308 | 241 | M56 | 19.1 |
| 42158203223 | 27.9 | M64x6 | 2,847 | 138 | 100 | - | 38 | 98 | 312 | 241 | M64 | 23 |

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) | | | | | | | | | |
| 8-203-0041 | M 8 | 0.50 | 1.0 | 0.50 | 1.0 | 0.70 | 0.50 | 0.50 | 1.05 | 0.75 | 0.50 |
| 8-203-0051 | M10 | 0.55 | 1.1 | 0.55 | 1.1 | 0.77 | 0.55 | 0.55 | 1.16 | 0.83 | 0.55 |
| 8-203-0101 | M12 | 1.30 | 2.6 | 1.30 | 2.6 | 1.82 | 1.30 | 1.30 | 2.73 | 1.95 | 1.30 |
| 8-203-0191 | M16 | 2.40 | 4.8 | 2.40 | 4.8 | 3.36 | 2.40 | 2.40 | 5.04 | 3.60 | 2.40 |
| 8-203-0211 | M20 | 2.70 | 5.4 | 2.70 | 5.4 | 3.78 | 2.70 | 2.70 | 5.67 | 4.05 | 2.70 |
| 8-203-0301 | M20 | 3.75 | 7.5 | 3.75 | 7.5 | 5.25 | 3.75 | 3.75 | 7.88 | 5.63 | 3.75 |
| 8-203-0421 | M24 | 5.25 | 10.5 | 5.25 | 10.5 | 7.35 | 5.25 | 5.25 | 11.03 | 7.88 | 5.25 |
| 8-203-0701 | M30 | 8.75 | 17.5 | 8.75 | 17.5 | 12.25 | 8.75 | 8.75 | 18.38 | 13.13 | 8.75 |
| 8-203-0801 | M36 | 10.00 | 20.0 | 10.00 | 20.0 | 14.00 | 10.00 | 10.00 | 21.00 | 15.00 | 10.00 |
| 8-203-1001 | M36 | 12.50 | 25.0 | 12.50 | 25.0 | 17.50 | 12.50 | 12.50 | 26.25 | 18.75 | 12.50 |
| 8-203-1251 | M42 | 15.60 | 31.2 | 15.60 | 31.2 | 21.84 | 15.60 | 15.60 | 32.76 | 23.40 | 15.60 |
| 8-203-1351 | M48 | 16.90 | 33.8 | 16.90 | 33.5 | 23.66 | 16.90 | 16.90 | 35.49 | 25.35 | 16.90 |

Blueprint

