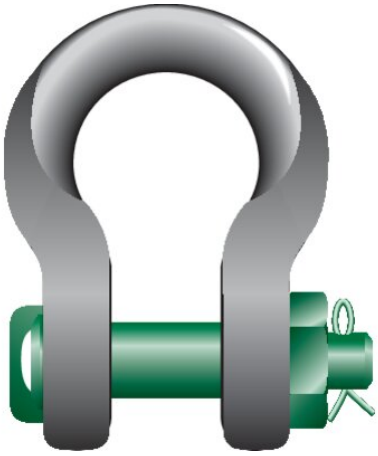
MENNENS | Lifting Solutions Group
Axel Johnson International

# Sling Shackle BN Green Pin® P-6033

**Product information**



The Green Pin® Sling Shackle BN is a high load capacity bow shackle with a safety bolt and a fixed nut. The Sling Shackle BN is an excellent choice for heavy lifting projects due to the shape of the shackle crown. Compared to the standard Green Pin® Heavy Duty Shackles, Sling Shackles have an increased bow radius to improve your sling's resistance to wear and tear and enable you to use a lighter wire rope to lift the same heavy load. This means that by using the Green Pin® Sling Shackle BN you can save on wire rope costs (however, the Green Pin® Power Sling shackle offers even bigger savings). The shackle also offers a double safety (split pin and safety bolt) which prevents accidental unscrewing of the pin. Of course, galvanization of the Green Pin® Sling Shackle BN ensures long-term durability. A wide range of certifications is also available: Green Pin® Sling Shackles BN of 75 tons and higher include a Lloyd's proofload test certificate for example. The Green Pin® Sling Shackle BN is available in a range with a working load limit from 7 up to 1550 tons.

Certification on request: 2.1, 2.2, 3.1, MTCb, LROS, MPIb, USb

... *Read more*

**Material:** Bow and pin alloy steel, quenched and tempered
**Marking:** CE-mark
**Temperature range:** -20°C up to +200°C
**Finish:** Shackle bow painted silver, pin painted green (7 up to 55 ton shackles are hot dipped galvanized)

**Safety factor:** 5:1
**Grade:** 8

**Mennens Nederland**
website@mennens.nl
+31 (0)10 4373033

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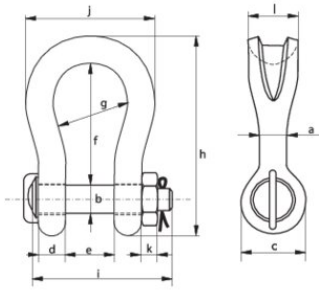
## Blueprint




## Technical data

| Part code | WLL ton | a mm | b mm | c mm | d mm | e mm | f mm | g mm | h mm | i mm | j mm | k mm | l mm | Weight kg |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 420100701010 | 7 | 22 | 22 | 46 | 19 | 32 | 96 | 64 | 153 | 115 | 110 | 19 | 41 | 1.97 |
| 420101251010 | 12.5 | 28 | 28 | 61 | 25 | 44 | 120 | 82 | 197 | 151 | 146 | 24 | 54 | 4.27 |
| 420101801010 | 18 | 35 | 35 | 69 | 30 | 54 | 148 | 102 | 239 | 171 | 180 | 29 | 64 | 6.85 |
| 420103001010 | 30 | 40 | 42 | 90 | 35 | 69 | 165 | 126 | 279 | 207 | 200 | 34 | 79 | 12.5 |
| 420104001010 | 40 | 55 | 51 | 109 | 45 | 84 | 199 | 140 | 331 | 252 | 235 | 38 | 97 | 20.3 |
| 420105501010 | 55 | 60 | 57 | 115 | 55 | 90 | 240 | 160 | 389 | 294 | 270 | 45 | 100 | 30.4 |
| 420107501010 | 75 | 68 | 70 | 126 | 54 | 110 | 290 | 185 | 473 | 317 | 331 | 40 | 120 | 49 |
| 420112501010 | 125 | 85 | 80 | 156 | 85 | 137 | 366 | 220 | 583 | 413 | 390 | 40 | 150 | 95 |
| 420115001010 | 150 | 94 | 95 | 181 | 89 | 147 | 391 | 253 | 648 | 445 | 449 | 50 | 170 | 125 |
| 420120001010 | 200 | 110 | 105 | 201 | 100 | 158 | 481 | 280 | 759 | 480 | 500 | 50 | 205 | 190 |
| 420125001010 | 250 | 126 | 120 | 229 | 110 | 179 | 542 | 300 | 860 | 535 | 552 | 60 | 240 | 264 |
| 420130001010 | 300 | 136 | 134 | 246 | 134 | 195 | 601 | 350 | 946 | 590 | 620 | 70 | 265 | 360 |
| 420140001010 | 400 | 160 | 160 | 295 | 145 | 231 | 576 | 370 | 995 | 687 | 710 | 80 | 320 | 583 |
| 420150001010 | 500 | 170 | 180 | 330 | 160 | 263 | 681 | 450 | 1,161 | 762 | 850 | 90 | 340 | 862 |
| 420160001010 | 600 | 190 | 200 | 360 | 170 | 289 | 741 | 490 | 1,264 | 827 | 930 | 100 | 370 | 1,134 |
| 420170001010 | 700 | 200 | 215 | 392 | 190 | 315 | 751 | 540 | 1,284 | 879 | 901 | 100 | 400 | 1,360 |
| 420180001010 | 800 | 218 | 230 | 420 | 200 | 342 | 851 | 554 | 1,426 | 942 | 947 | 110 | 420 | 1,680 |
| 420190001010 | 900 | 242 | 255 | 466 | 220 | 368 | 851 | 580 | 1,488 | 1,023 | 1,023 | 120 | 440 | 1,650 |
| 420110001011 | 1,000 | 260 | 270 | 490 | 240 | 399 | 851 | 614 | 1,532 | 1,103 | 1,107 | 120 | 460 | 2,970 |
| 420112501011 | 1,250 | 285 | 300 | 510 | 260 | 452 | 931 | 650 | 1,666 | 1,227 | 1,182 | 150 | 530 | 3,700 |
| 420115501011 | 1,550 | 285 | 320 | 550 | 280 | 483 | 950 | 680 | 1,710 | 1,300 | 1,253 | 150 | 560 | 4,000 |

**Mennens Nederland**
website@mennens.nl
+31 (0)10 4373033

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