Industrial Rigging & Supply | Lifting Solutions Group Axel Johnson International

# Bow Shackle SC Green Pin® G-4161

## Product information



The Green Pin® Bow Shackle SC is a bow shackle with a screw collar pin. The screw pin enables quick (dis)assembly which makes the shackle perfect for rigging activities in which assembly and disassembly occur relatively frequently. The Green Pin® Bow Shackle SC can be used for both one-leg and multi-leg systems. Due to the galvanization of the shackle its long-term durability is assured. The shackle's design reduces the wear of (wire) rope as the screw thread is hidden in a chamber. Particularly important for use offshore, the Green Pin® Bow Shackle SC conforms to a wide range of certifications from class societies such as DNV GL. The shackle is available in a range with a working load limit from 0.33 up to 55 ton.

Certification on request: 2.1, 2.2, 3.1, MTCa, DNVGL-ST-0378, ABS PDA, ABS MA

... Read more

**Material:** Bow and pin high tensile steel, quenched and tempered
**Marking:** According to standard, CE-mark
**Temperature range:** -40°C up to +200°C
**Finish:** Hot dip galvanized
**Standard:** EN 13889

**Safety factor:** 6:1
**Grade:** 6

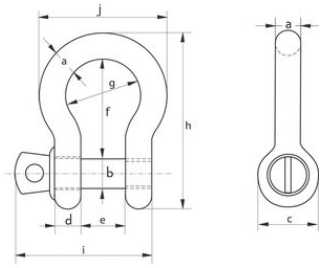
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## Blueprint




## Technical data

| Part code | WLL (metric) tonnes | A in | B in | C in | D in | e in | f in | g in | h in | i in | j in | Weight lb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 420100030580 | 0.33 | 0.2 | 0.24 | 0.47 | 0.2 | 0.35 | 0.87 | 0.63 | 1.42 | 1.14 | 1.02 | 0.04 |
| 420100050580 | 0.5 | 0.28 | 0.31 | 0.63 | 0.28 | 0.47 | 1.14 | 0.79 | 1.89 | 1.5 | 1.34 | 0.11 |
| 420100080580 | 0.75 | 0.35 | 0.39 | 0.79 | 0.35 | 0.51 | 1.26 | 0.87 | 2.2 | 1.81 | 1.57 | 0.22 |
| 420100100580 | 1 | 0.39 | 0.43 | 0.87 | 0.39 | 0.67 | 1.42 | 1.02 | 2.48 | 2.13 | 1.81 | 0.31 |
| 420100150580 | 1.5 | 0.43 | 0.51 | 1.02 | 0.43 | 0.75 | 1.69 | 1.14 | 2.91 | 2.32 | 2.01 | 0.42 |
| 420100200580 | 2 | 0.51 | 0.63 | 1.34 | 0.51 | 0.87 | 2.01 | 1.26 | 3.5 | 2.87 | 2.28 | 0.79 |
| 420100330580 | 3.25 | 0.63 | 0.75 | 1.57 | 0.63 | 1.06 | 2.52 | 1.69 | 4.33 | 3.5 | 2.95 | 1.39 |
| 420100480580 | 4.75 | 0.75 | 0.87 | 1.81 | 0.75 | 1.22 | 2.99 | 2.01 | 5.08 | 4.06 | 3.5 | 2.23 |
| 420100650580 | 6.5 | 0.87 | 0.98 | 2.05 | 0.87 | 1.42 | 3.27 | 2.28 | 5.67 | 4.69 | 4.02 | 3.31 |
| 420100850580 | 8.5 | 0.98 | 1.1 | 2.32 | 0.98 | 1.69 | 3.74 | 2.68 | 6.46 | 5.39 | 4.65 | 4.87 |
| 420100950580 | 9.5 | 1.1 | 1.26 | 2.6 | 1.1 | 1.85 | 4.25 | 2.95 | 7.28 | 6.02 | 5.16 | 6.97 |
| 420101200580 | 12 | 1.26 | 1.38 | 2.83 | 1.26 | 2.01 | 4.53 | 3.27 | 7.91 | 6.69 | 5.79 | 9.5 |
| 420101350580 | 13.5 | 1.38 | 1.5 | 3.15 | 1.38 | 2.24 | 5.24 | 3.62 | 8.94 | 7.32 | 6.38 | 12.24 |
| 420101700580 | 17 | 1.5 | 1.65 | 3.46 | 1.5 | 2.36 | 5.75 | 3.9 | 9.8 | 7.99 | 6.89 | 16.38 |
| 420102500580 | 25 | 1.77 | 1.97 | 4.06 | 1.77 | 2.91 | 7.01 | 4.96 | 11.81 | 9.57 | 8.5 | 28.31 |
| 420103500580 | 35 | 1.97 | 2.24 | 4.37 | 1.97 | 3.27 | 7.76 | 5.43 | 13.03 | 10.71 | 9.37 | 40.01 |
| 420104250580 | 42.5 | 2.24 | 2.56 | 5.12 | 2.24 | 3.74 | 8.74 | 6.3 | 14.84 | 12.2 | 10.79 | 57.96 |
| 420105500580 | 55 | 2.56 | 2.76 | 5.71 | 2.56 | 4.13 | 10.24 | 7.09 | 17.05 | 13.54 | 12.2 | 82.89 |


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