



Shackle BN Green Pin Power Sling® P-6043

Product information

The Green Pin Power Sling® Shackle BN is specially developed for heavy lifting. It is the top product in the Green Pin® shackle assortment and the wider lifting industry. The Green Pin Power Sling® Shackle BN has a bending efficiency of 85%. Its shackle crown is the widest in the industry (10% more than shackles of the previous generation) and has an optimal D/d ratio. Furthermore, the areas of the Power Sling® shackle that endure the highest stress have been reinforced. As a result, the Power Sling® lets you save up to 20% on synthetic- and wire rope costs. The long-term performance of the Power Sling® has been scrutinized with tensile- and fatigue testing, subjecting it to more than 40.000 cycles (the API norm specifies 20.000 cycles). Each shackle is proofload tested to twice the working load limit. Ductility of the steel has also been checked at temperatures as low as minus 40 °Celsius degree (-40 °F). Safety and efficiency for riggers are other key benefits of the Power Sling®. The Power Sling® is equipped with six handling points to the body and several more on the pin (larger sizes have more handling points than smaller sizes). Many such handling points are smaller shackles that are attached to the main shackle. Lifting the Power Sling® into place becomes a much safer and easier activity as a result. The Green Pin Power Sling® Shackle BN is available in a range with a working load limit from 125 to 1550T.

Certification on request: 2.1, 2.2, 3.1, MTCb, LROS, MPIb, USb, DNVGL-ST-0378, DNV-GL-ST-0377

Material: Bow and pin alloy steel, quenched and tempered

Marking: CE-marked

Temperature range: -40°C up to +200°C

Finish: Shackle bow painted silver, pin painted green

Safety factor: 5:1

Grade: 8

| Part code | WLL ton | b mm | c mm | d mm | e mm | f mm | g mm | h mm | i mm | j mm | k mm | l mm | Weight kg | Delivery time |
|--------------|---------|------|------|------|------|------|------|-------|-------|-------|------|------|-----------|---------------|
| 420112500960 | 125 | 80 | 166 | 85 | 134 | 364 | 220 | 631 | 382 | 370 | 36 | 205 | 95 | 10 |
| 420115000960 | 150 | 95 | 182 | 90 | 144 | 389 | 250 | 703 | 408 | 420 | 42 | 248 | 134 | 10 |
| 420120000960 | 200 | 105 | 204 | 100 | 154 | 479 | 276 | 838 | 446 | 475 | 47 | 290 | 195 | 10 |
| 420125000960 | 250 | 120 | 238 | 110 | 174 | 539 | 300 | 938 | 503 | 515 | 60 | 314 | 271 | 10 |
| 420130000960 | 300 | 134 | 260 | 121 | 189 | 599 | 350 | 1.031 | 550 | 605 | 60 | 345 | 368 | 10 |
| 420140000960 | 400 | 160 | 305 | 140 | 224 | 620 | 370 | 1.078 | 645 | 652 | 80 | 392 | 563 | 10 |
| 420150000960 | 500 | 180 | 340 | 152 | 255 | 679 | 450 | 1.239 | 714 | 763 | 85 | 440 | 786 | 10 |
| 420160000960 | 600 | 200 | 365 | 170 | 280 | 739 | 490 | 1.353 | 788 | 820 | 90 | 475 | 1.009 | 10 |
| 420112500961 | 1,250 | 300 | 470 | 245 | 442 | 928 | 650 | 1,812 | 1,164 | 1,144 | 140 | 670 | 2.933 | 10 |

Blueprint

