



Bow Shackles with Safety Bolt G-4163

Product information

Certification: This product can be supplied with a works certificate, 3.1 material certificate, manufacturer test certificate, EC Declaration of Conformity. All shackles starting from 2 t can be supplied with DNV 2.7-1 certificate.

Standard: EN 13889 and meets performance requirements of US Fed. Spec. RR-C-271 Type IVA Class 3, Grade A.

Note: This shackle can also be delivered with fixed nut (an extra AISI 316 securing bolt is drilled through both the nut and shackle pin. This securing bolt is fastened with two sets of Nord-Lock® washers and a securing nut. These washers lock when subjected to movement and keep the nut safely in position).

Material: Bow and pin high tensile steel, quenched and tempered

Marking: According to standard, CE-marked

Temperature range: -40°C up to +200°C

Finish: Hot dip galvanized

Standard: EN 13889

Safety factor: 6:1

Grade: 6

| 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 | Weight kg |
|---------------|---------|------|------|------|------|------|------|------|------|------|------|------|-----------|
| 11.31GPGHMB06 | 0.5 | 7 | 8 | 16,5 | 7 | 12 | 29 | 20 | 48,5 | 42 | 34 | 4 | 0.06 |
| 11.31GPGHMB08 | 0.75 | 9 | 10 | 20 | 9 | 13,5 | 32 | 22 | 56 | 50 | 40 | 5 | 0.11 |
| 11.31GPGHMB10 | 1 | 10 | 11 | 22,5 | 10 | 17 | 36,5 | 26 | 63,5 | 60 | 46 | 8 | 0.16 |
| 11.31GPGHMB11 | 1.5 | 11 | 13 | 26,5 | 11 | 19 | 43 | 29 | 74 | 67 | 51 | 11 | 0.22 |
| 11.31GPGHMB13 | 2 | 13,5 | 16 | 34 | 13 | 22 | 51 | 32 | 89 | 82 | 58 | 13 | 0.42 |
| 11.31GPGHMB16 | 3.25 | 16 | 19 | 40 | 16 | 27 | 64 | 43 | 110 | 98 | 75 | 17 | 0.74 |
| 11.31GPGHMB19 | 4.75 | 19 | 22 | 46 | 19 | 31 | 76 | 51 | 129 | 114 | 89 | 19 | 1.18 |
| 11.31GPGHMB22 | 6.5 | 22 | 25 | 52 | 22 | 36 | 83 | 58 | 144 | 130 | 102 | 22 | 1.77 |
| 11.31GPGHMB25 | 8.5 | 25 | 28 | 59 | 25 | 43 | 95 | 68 | 164 | 150 | 118 | 25 | 2.58 |
| 11.31GPGHMB28 | 9.5 | 28 | 32 | 66 | 28 | 47 | 108 | 75 | 185 | 166 | 131 | 27 | 3.66 |
| 11.31GPGHMB32 | 12 | 32 | 35 | 72 | 32 | 51 | 115 | 83 | 201 | 178 | 147 | 30 | 4.91 |
| 11.31GPGHMB35 | 13.5 | 35 | 38 | 80 | 35 | 57 | 133 | 92 | 227 | 197 | 162 | 33 | 6.54 |
| 11.31GPGHMB38 | 17 | 38 | 42 | 88 | 38 | 60 | 146 | 99 | 249 | 202 | 175 | 19 | 8.19 |
| 11.31GPGHMB45 | 25 | 45 | 50 | 103 | 45 | 74 | 178 | 126 | 300 | 249 | 216 | 23 | 14.22 |
| 11.31GPGHMB50 | 35 | 50 | 57 | 111 | 50 | 83 | 197 | 138 | 331 | 269 | 238 | 26 | 19.85 |
| 11.31GPGHMB57 | 42.5 | 57 | 65 | 130 | 57 | 95 | 222 | 160 | 377 | 301 | 274 | 29 | 28.33 |
| 11.31GPGHMB65 | 55 | 65 | 70 | 145 | 65 | 105 | 260 | 180 | 433 | 330 | 310 | 32 | 39.59 |
| 11.31GPGHMB75 | 85 | 75 | 83 | 162 | 73 | 127 | 329 | 190 | 527 | 380 | 340 | 39 | 62 |

Blueprint

