



Bow Shackle Powertex PBSP

Product information

POWERTEX

Bow type shackle PBSP is a high quality shackle intended for use in demanding environments.

It is supplied with a screw pin for quick and easy opening.

The shackle comply to EN 13889, AS 2741 and meets the performance requirements of US Federal Specification RR-C-271 Type IVA Class 2, Grade A.

Features:

- Safe – All Powertex shackles are manufactured and tested in accordance to EN 13889
- All bodies and screw pins marked with batch number for traceability
- Larger sizes equipped with arrows to indicate 45 degrees to vertical
- Raised pad for dedicated and easy individual ID (3,25 t and up)
- The bow is forged in closed dies
- All parts are made from alloy steel being quenched and tempered
- All parts including screw pins and nuts are hot dip galvanized for long life
- High quality hot dip galvanization process giving an exclusive mat grey finish
- Screw pins are additionally painted in blue and red for quick and easy detection as original Powertex parts
- Multilanguage user manuals

Material: Forged alloy steel, supplied with alloy screw pin.

Marking: According to standard, CE-marked, Powertex (PT or PTEX) , WLL, size, grade and batch number.

Temperature range: -40°C up to +200°C

Finish: All parts hot dip galvanized. Bolt additional powder painted.

Standard: EN 13889, AS 2741, ASME B30.26

Safety factor: 6:1

Grade: 6

| Part code | WLL ton | Size inch | a* mm | c* mm | d mm | d1 mm | d2 mm | e mm | H1 mm | Weight kg |
|----------------|------------|--------------|-------|-------|---------|----------|----------|---------|----------|--------------|
| 11.31PBSP00033 | 0.33 | 3/16 | 10 | 22.6 | 5 | 6.3 | 14.5 | 15.5 | 29 | 0.026 |
| 11.31PBSP00050 | 0.5 | 1/4 | 13 | 29 | 6.5 | 8 | 17.5 | 20 | 38 | 0.048 |
| 11.31PBSP00075 | 0.75 | 5/16 | 13.5 | 31 | 8 | 9.5 | 21 | 21.5 | 42.5 | 0.082 |
| 11.31PBSP00100 | 1 | 3/8 | 17 | 36.5 | 10 | 11.2 | 25 | 26.2 | 51.5 | 0.15 |
| 11.31PBSP00150 | 1.5 | 7/16 | 18.5 | 42.9 | 11.3 | 12.7 | 27 | 29.5 | 58 | 0.2 |
| 11.31PBSP00200 | 2 | 1/2 | 20.6 | 47.75 | 12.7 | 15.8 | 30.5 | 33.3 | 67 | 0.3 |
| 11.31PBSP00325 | 3.25 | 5/8 | 27 | 60 | 16 | 18.6 | 40 | 43 | 85 | 0.65 |
| 11.31PBSP00475 | 4.75 | 3/4 | 32 | 71.5 | 19 | 22 | 48 | 51 | 98.5 | 1.01 |
| 11.31PBSP00650 | 6.5 | 7/8 | 37 | 84.5 | 22 | 25 | 54 | 58 | 114 | 1.5 |
| 11.31PBSP00850 | 8.5 | 1 | 43.5 | 96.25 | 26.5 | 28 | 60 | 68.5 | 129.5 | 2.25 |
| 11.31PBSP00950 | 9.5 | 1-1/8 | 48 | 109 | 29 | 32 | 68 | 75 | 144 | 3.25 |
| 11.31PBSP01200 | 12 | 1-1/4 | 53 | 120.5 | 32 | 35 | 76 | 84 | 157 | 4.45 |
| 11.31PBSP01350 | 13.5 | 1-3/8 | 59 | 134 | 35 | 38 | 84 | 94 | 171 | 5.95 |
| 11.31PBSP01700 | 17 | 1-1/2 | 62 | 148.5 | 38 | 42 | 92 | 99 | 186 | 7.72 |
| 11.31PBSP02500 | 25 | 1-3/4 | 75 | 178 | 45 | 50 | 106 | 128 | 227 | 12.64 |
| 11.31PBSP03500 | 35 | 2 | 84 | 197.5 | 52 | 55 | 122 | 148 | 253 | 18.72 |
| 11.31PBSP05500 | 55 | 2-1/2 | 107 | 269.5 | 66 | 70 | 145 | 186 | 318 | 37 |

Blueprint

