

# SB CLAMP



SB (Swing Bolt) Clamps are designed for securing BOP pod umbilicals and other lines. The clamps are wire or pipe mounted. SB Clamps are made from polyurethane shells, customizable nitrile rubber inserts and 316 stainless steel. SB Clamps can secure lines from 1.5" – 6" in diameter.

## Advantages:

- Light weight
- Resistant to biofouling
- Durable
- No loose parts
- Common tooling



| Model | Line OD      | Grip Strength |
|-------|--------------|---------------|
| SB-3  | 1.0" – 3.0"  | <1,000 lbf    |
| SB-4  | 2.9" – 4.25" | <1,200 lbf    |
| SB-6  | 4.25" – 6.0" | <1,600 lbf    |



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## Technical Data



|                  | SB-3*             | SB-4*             | SB-6*              |
|------------------|-------------------|-------------------|--------------------|
| Weight in Air:   | 12.9 lbs (5.9 kg) | 13.5 lbs (6.1 kg) | 17.5 lbs. (8.0 kg) |
| Weight in Water: | 7.2 lbs (3.3 kg)  | 9.2 lbs (4.2 kg)  | 9.8 lbs. (4.4 kg)  |
| Length:          | 6.5" (165 mm)     | 6.7" (170 mm)     | 6.5" (165 mm)      |
| Width:           | 7.5" (191 mm)     | 7.7" (196 mm)     | 9.5" (241 mm)      |
| Height:          | 7.9" (201 mm)     | 9.4" (239 mm)     | 11" (279 mm)       |
| Max Line OD:     | 3.0" (76.2 mm)    | 4.5" (114 mm)     | 6" (152 mm)        |

\*Measurements include Clamp assembled with an adapter bracket.

### Material Specs:

| CLAMP SHELL           |                  |
|-----------------------|------------------|
| Material Designation  | Polyurethane     |
| Manufacturing Process | Atmospheric Cast |

| BRACKETS AND MOUNTING HARDWARE |                             |
|--------------------------------|-----------------------------|
| Material Designation           | 316 – L Stainless Steel     |
| Manufacturing Process          | Lost Wax Investment Casting |
| Tensile                        | 81,000 psi                  |
| Yield                          | 42,000 psi                  |
| Elongation                     | 50%                         |

| RUBBER INSERTS        |                              |
|-----------------------|------------------------------|
| Material Designation  | 60 – 4 Nitrile Rubber        |
| Manufacturing Process | Injection/Compression Molded |
| Tensile               | 3,200 psi                    |
| Elongation            | 480%                         |