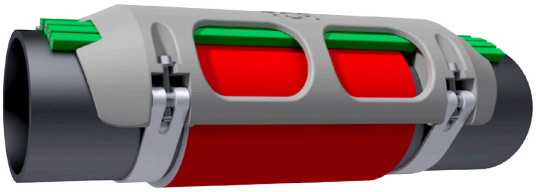
Prysmian Downhole Technology (PDT)
Protectors

Exploration & Production - SL Protector



Standard: SL Protector

Protectors are designed to ensure that all control lines and cables are protected for the full length of the production string, thus reducing the risk of damage to cable, control line, or flatpacks. PDT's Protector portfolio includes clamping and cable protection solutions to protect cables from lateral, axial, and rotational loading in downhole applications. In addition to our standard cross-coupling range, PDT designs application specific solutions for demanding situations.

Application

The Slim Line (SL) Protector features a cast body with low profile straps. This is used in standard applications, however, this design is required for tight clearance applications that require a reduced running OD. The SL design incorporates features that provide load ratings that exceed industry expectations. A key features of the protector is the interlocking fastening mechanism that prevents shear stresses from being applied to the bolts by dispersing impact related forces to the cast body. The SL protector has been designed as a universal protector to cover a wide range of tubing connections and accommodate a multitude of line configurations.

Standards & Approvals

All parts comply with NACE Standard MR0175 / ISO 15156

Quality & Testing

- Manufactured in accordance with standard Inspection and Quality Plans
- Design Validation Testing
  - Axial, Lateral, Rotational Testing
- Factory Acceptance Testing
  - Visual Inspection
  - Make Up / Fit Test
  - Dimensional Inspection
  - Gap Verification
  - Cable Pull Test
  - Drift Verification
  - Torque Test

Design & Construction

- Cast Body / Rolled Steel Straps
- One-piece assembly with captive fasteners
- No loose parts
- Interlocking Straps
- Chamfered ends to prevent hang up
- Supports minimum of 100' of downhole cable, control line, and flatpack weight
- Optional Tapered Designs
- Quick and Easy to install
- Reusable
- Custom designs to meet application

Materials

- Carbon Steel
- 316 SS
- 13Cr
- 25Cr
- Super Duplex

Axial Loading

- 30 Ton

Lateral Loading

- 30 Ton

Rotational Loading

- 3 Ton

Common Tubing Sizes

- 2-3/8"
- 2-7/8"
- 3-1/2"
- 4-1/2"
- 5"
- 5-1/2"
- 6"
- 6-5/8"
- 7"

For more information about Prysmian Downhole Technology products and services, please contact Walter Schomburg, Sales Manager, at walter.schomburg@prysmian.com

Prysmian
4 Tesseneer Drive, Highland Heights, KY 41076
na.prysmian.com
SPL-PDT-0015 1126