

Boltless bend restrictor

Delivering bolted bend restrictor performance with boltless simplicity

Balmoral has extended its bend restrictor range to include a genuinely boltless restrictor (patent pending).

This innovation allows fitting times to be slashed, offering huge savings in offshore installation costs. In line with Balmoral's acknowledged track record for product improvement, value has been added by taking something away.

Some existing products claim to be boltless but, in reality, none of them actually are. Balmoral's boltless restrictor retains industry leading performance while offering significantly reduced installation times and costs.

Design specification

Typical cable/pipe diameters: 20-450mm

Typical bending moments: 2-120kNm

Standard minimum bend radius: 1-8m

Materials: Balmoral marine polyurethane

Design life: 35 years (or specific project requirement)

These are indicative values as bespoke designs outwith these parameters can be achieved. Please contact Balmoral for more information.



Benefits

- Rapid installation time creating significant offshore savings
- Revolutionary boltless interlocking method fully utilising the material's strength
- Superior load capacity for long and short term conditions
- Excellent temperature resistance, specifically important to long term creep performance
- Significant multiple unit cost efficiency savings
- Minimises sub-supplier risk
- Materials and design methodology API 17L 1&2 compliant

Features

- Interlocking male and female mouldings
- Innovative interlock system (patent pending) removes the need for fasteners
- Bend restrictor lockout prevents cable/pipe over bending
- Proprietary design and testing delivers long service life in extreme environments
- Material fully API 17L 1&2 certified
- Material is mercury and MbAOC free (REACH compliant)

