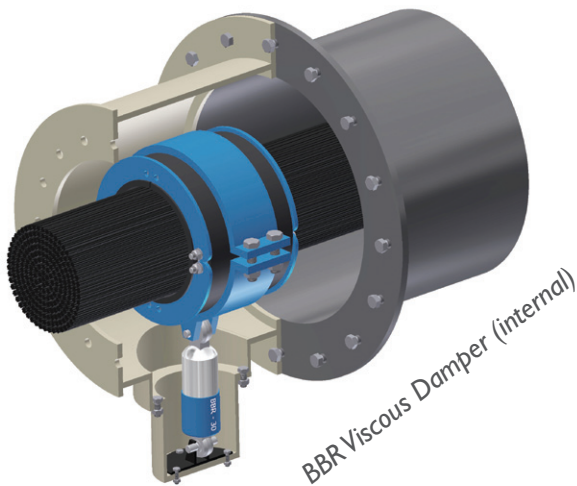
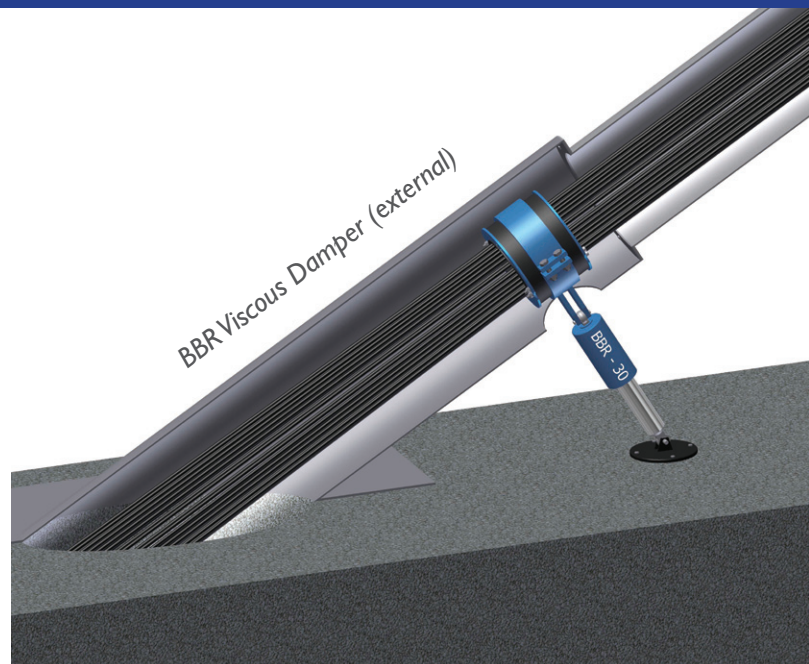


BBR Viscous Damper

Stay Cable Viscous Damping System



The BBR® Viscous Damper, specially developed to counteract vibrations on stay cables, works based on the resistance induced by the rapid passage of a viscous fluid through a narrow opening. The resistance can dissipate a large amount of energy leading to the damping of the cable. This principle of energy dissipation allows for an independent and real-time reaction of the damping device to the induced vibrations.



Rzeszow Bridge (Poland)

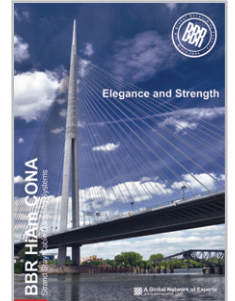
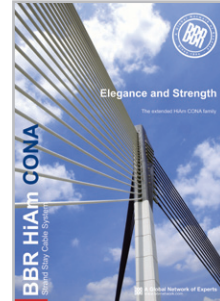
BBR Viscous Damper

Stay Cable Viscous Damping System



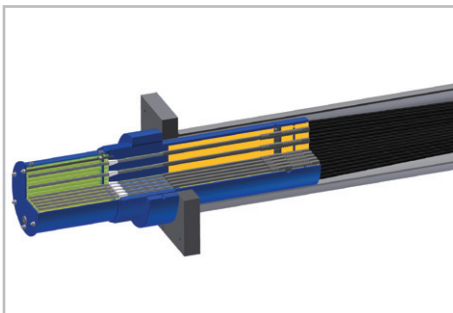
Features

- Available in either an internal or external damper configuration
- Free longitudinal and rotational movement, important for long cables where temperature changes and deflections are critical
- Double acting viscous damper pistons
- Standard damping force up to 50kN and 70 kN for internal and external damper configurations respectively. Larger sizes upon request
- Easy inspection and low maintenance requirements
- Superior surface corrosion protection coating protecting against the harshest environments
- Adaptable to fit on any size of the BBR HiAm CONA stay cable range

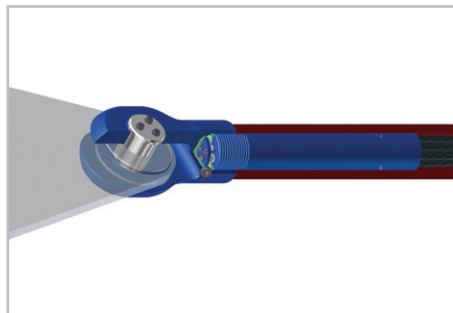


For further information download these brochures from our website.

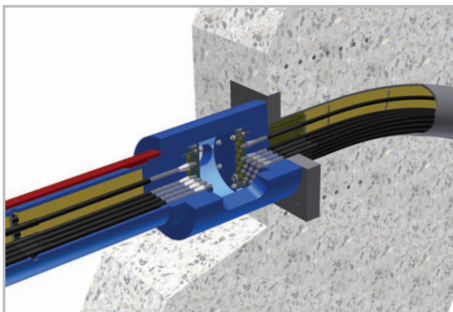
Compatible technologies



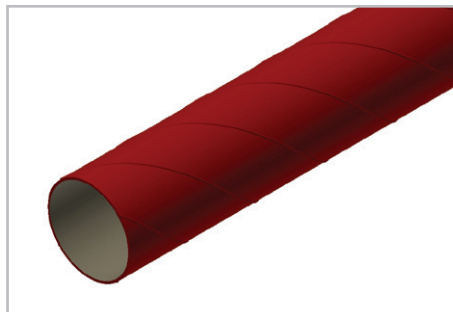
HiAm CONA Stay Cable



Pin Connector



HiEx CONA Saddle



Stay pipe with helical rib