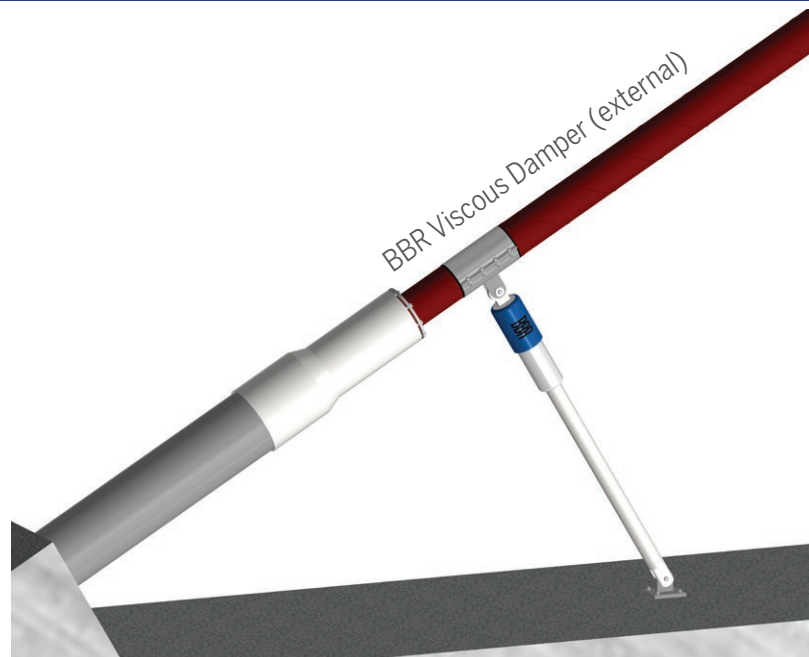
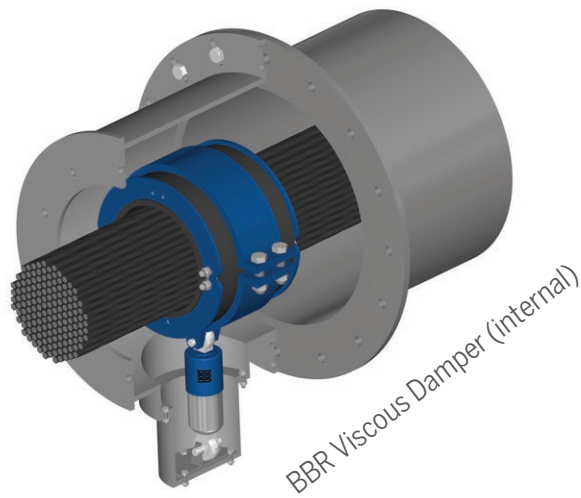


# BBR Viscous Damper

## 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)

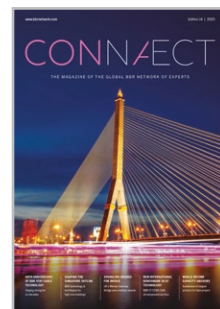
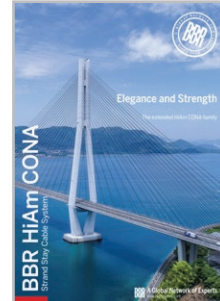
# BBR Viscous Damper

## Stay Cable Viscous Damping System



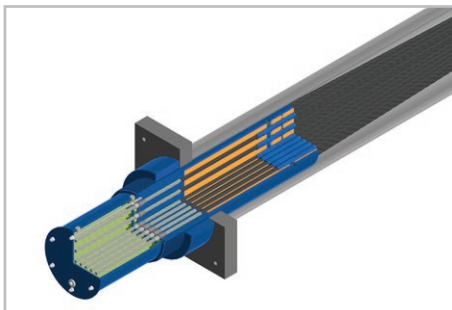
### Features

- 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 50 kN 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 against the harshest environments
- Adaptable to fit on any size of the BBR HiAm CONA stay cable range

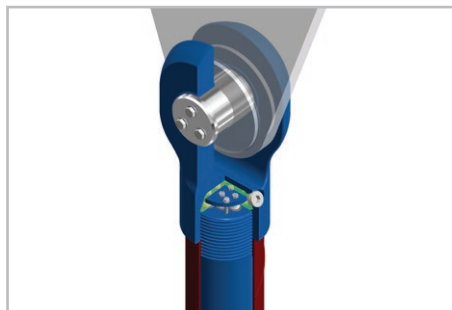


For further information download these brochures from our website.

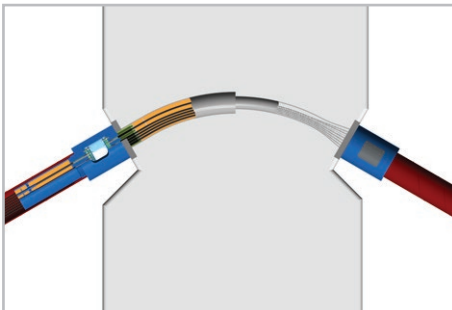
### Compatible technologies



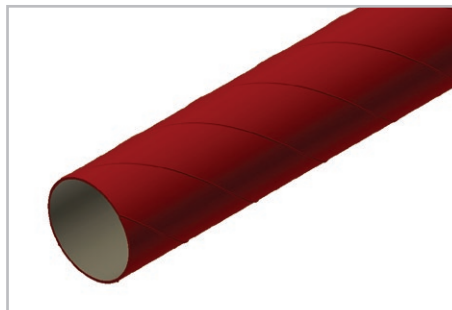
HiAm CONA Stay Cable



Pin Connector



HiEx CONA Saddle



Stay pipe with helical rib