

## **Data Sheet - Perimeter Heating Bellows Type PHB**

The PHB range of small bore axial expansion joints are specifically designed to absorb the thermal expansion that occurs in straight Heating pipe lines.

They are fitted with Special Carbon steel or Stainless steel 2 hole flanges designed to absorb noise and vibration that occurs in perimeter heating circuits.



As an alternative to our standard construction these Expansion Joints can also be custom made to specifically to suit your needs. This can be done by manufacturing them to specific lengths & movements especially to suit each application, be it replacement of existing expansion joints or brand-new systems.

### **Standard construction**

- Membrane: 316 stainless steel
- Inner: 316 stainless steel flow sleeves
- Ends: Mild Steel pipe
- Ends: Mild Steel fixed flanges

### **Working conditions**

- Design temperature: 110°C
- Design pressure: 6 bar

Perimeter Heating Bellows must be securely anchored & adequately guided to ensure their correct performance.  
Omitting anchors & guides may result in failure of the system. All Quick-Steel Ltd products should be installed in accordance with our fitting instructions.