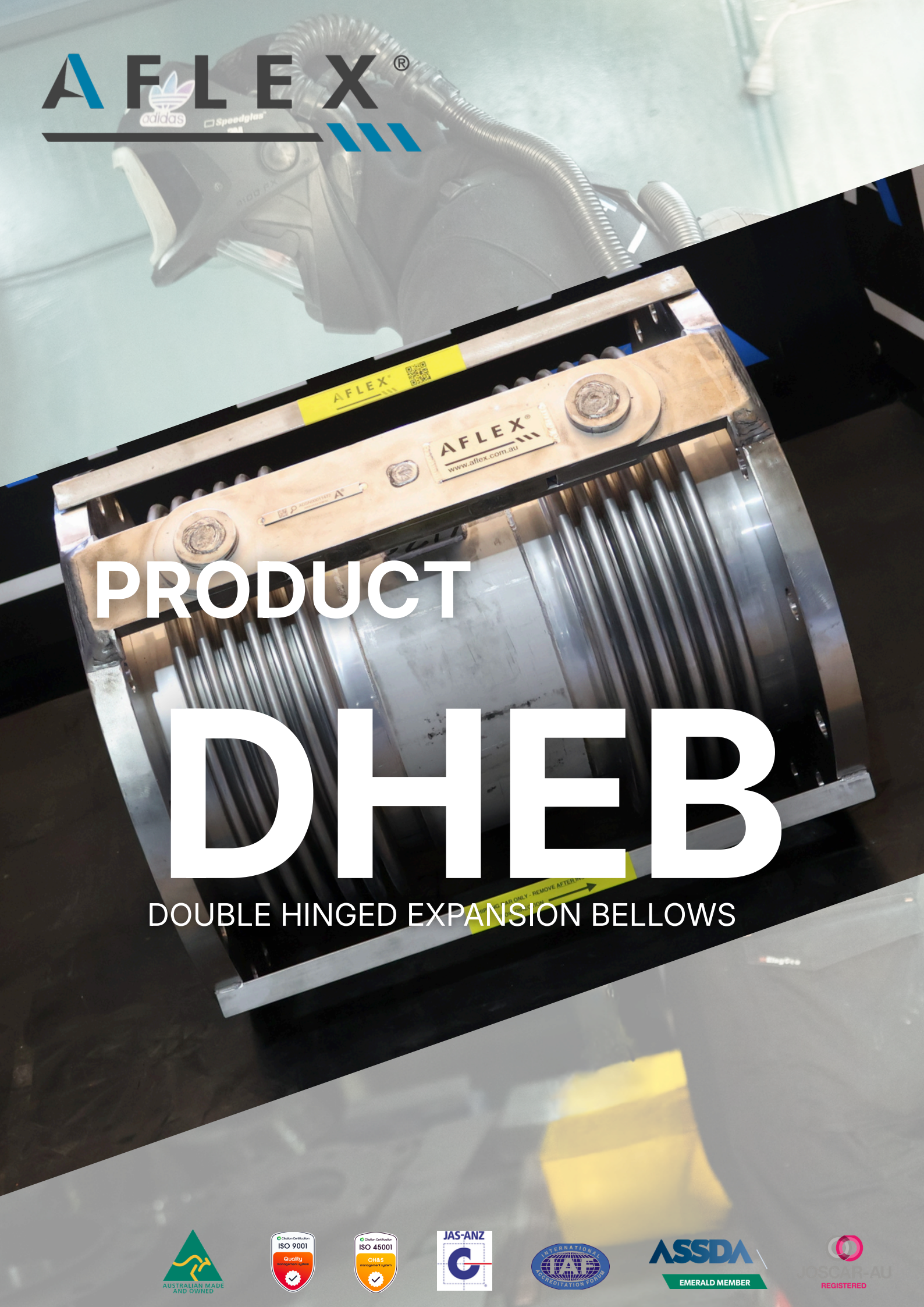
AFLEX®



PRODUCT

DHEB

DOUBLE HINGED EXPANSION BELLOWS

AUSTRALIAN MADE AND OWNED

ISO 9001 Quality management system

ISO 45001 OH&S management system

JAS-ANZ

INTERNATIONAL ACCREDITATION FORUM

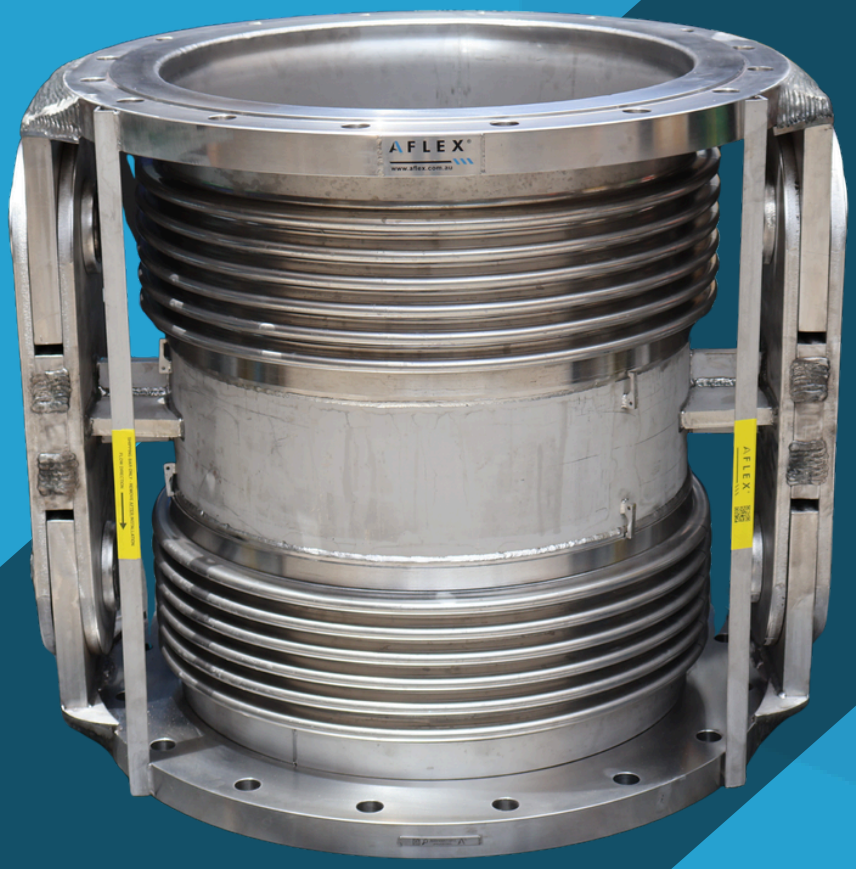
ASSDA EMERALD MEMBER

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Aflex Double Hinged Expansion Bellows (DHEB) consist of two bellows elements welded to a centre pipe.

These are then fitted with flanges and joining hinge hardware which restrains the bellows pressure thrust force. DHEB assemblies only transmit low lateral spring forces, allowing the system to be designed with low load anchors.



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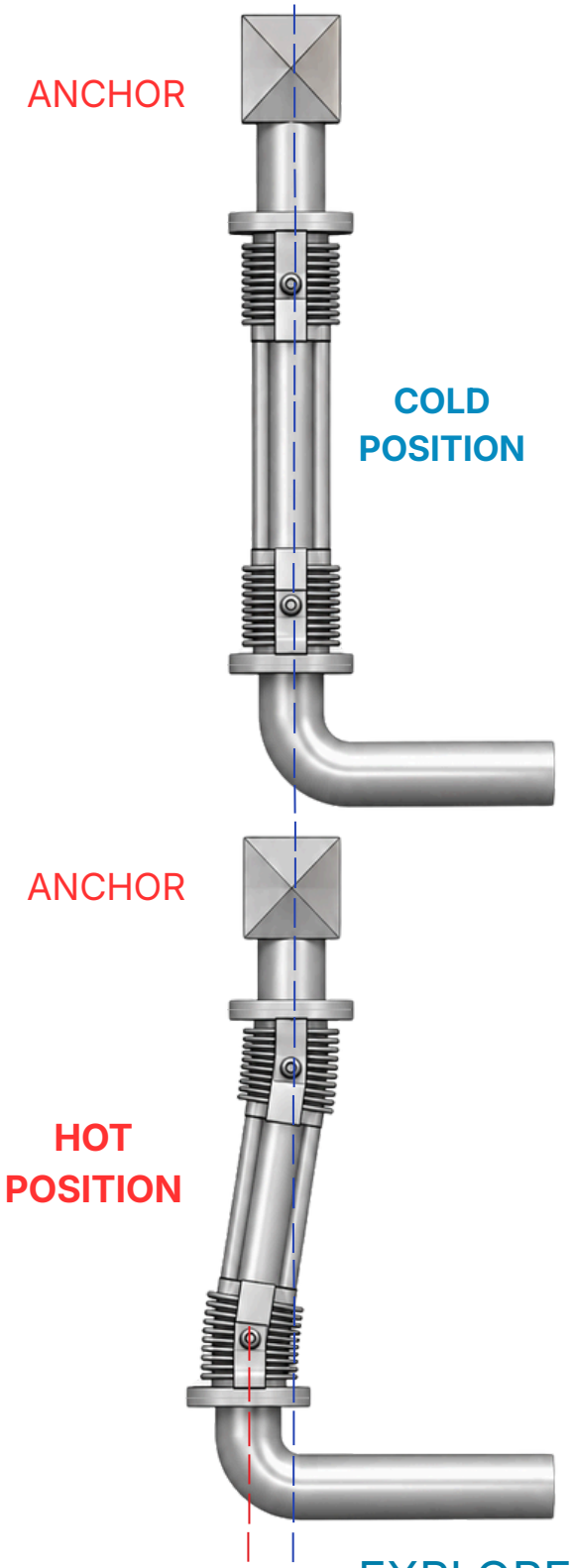
Due to the hinge hardware, a DHEB cannot compress or extend axially, but instead is designed to accommodate for large lateral movements around a 90° pipe leg.

The hinges restrict the assembly to only move on one plane and can be designed to ensure the assembly is stable at high pressures.



DHEB – Double Hinged Expansion Bellows	
Applications	**Common Pressure**
Steam lines	1000kPa
Oil and gas	1200kPa
Water lines	1600kPa
Tank settlement	100-1600kPa
Data centre piping	1400kPa
Cooling lines	1000-1600kPa
Heating lines	1000-1600kPa

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PRODUCT GALLERY

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