



## Data Sheet – Double Axial Expansion Joint - Type DAB

The DAB range of axial expansion joints are designed to absorb the thermal expansion in straight pipe lines and are suitable for many liquids and gases including LTHW, MTHW, HTHW and Steam.

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 from different materials and to specific dimensions especially to suit each application, be it replacement of existing expansion joints or brand-new systems.



### Standard construction

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

### Working conditions

- Design temperature: 300°C
- Design pressure: 10 bar

### Options

- Multiply membranes will give longer life-span and lower spring rates.
- Different Lengths
- Higher pressure / Temperature ratings
- Flanges to suit ie BS, JIS, DIN, ASA
- External covers / Insulation
- Victaulic ends
- Limit rod
- Swivel flanges
- Membranes in special alloys ie Incolloys, Hastelloys, SMO254, Special Stainless steels

QSL Codes	Nominal Bore		Overall Length	Overall Length	Axial Movement
	ins	mm	(Flanged) Mm TBA	(Pipe Ended) Mm TBA	
AB032	1¼"	32	375	600	40
AB040	1½"	40	375	600	40
AB050	2"	50	400	600	40
AB065	2½"	65	400	600	40
AB080	3"	80	400	600	50
AB100	4"	100	400	600	50
AB125	5"	125	500	600	50
AB150	6"	150	500	600	50
AB200	8"	200	500	600	50
AB250	10"	250	600	750	50
AB300	12"	300	600	750	50

Double Axial Expansion 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.