



Data Sheet – Axial Expansion Joint WRAS Approved - Type AB WRAS Approved

The WRAS approved AB range of axial expansion joints are designed to absorb the thermal expansion in straight pipelines and are suitable for many liquids and gases including LTHW, MTHW, HTHW and Steam.



Standard construction

Membrane: 316 stainless steel
316 stainless steel internal flow sleeves
316 stainless steel Vanstone ends
BZP Carbon Steel loose swivel flanges

Working conditions

Design temperature: 99°C
Design pressure: 16 bar
Cold Test Pressure: 24 bar

Options

Flanges to suit ie BS, JIS, DIN, ASA

QSL Codes	Nominal Bore		O/A Length Flanged *
	“	mm	50mm Compression
AB032	1¼"	32	350
AB040	1½"	40	350
AB050	2"	50	225
AB065	2½"	65	225
AB080	3"	80	225
AB100	4"	100	225
AB125	5"	125	277
AB150	6"	150	277
AB200	8"	200	306
AB250	10"	250	306
AB300	12"	300	306

* Flanged units are supplied factory set to allow for the full 50mm axial compression eliminating the need for cold pull on site.



Axial Expansion Joints 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.