



Data Sheet

General Description

Designed to accept linear expansion on Steel, copper and stainless steel pipe systems.

Standard product details are shown below, although these may vary dependant upon application and PED requirements.

Working Conditions

Pressure: 10 Bar (Higher Pressures Available)
 Temperature: 120 Degrees C
 Test: 1.5x Working

PED Requirements

All Bellows supplied are manufactured and certified in accordance with EU PED Legislation and as such carry the relevant CE certification where required.

Material Specification

Fittings: 304 Stainless steel facings BSPT Male Ends
 (Stainless steel to all wetted areas)
 Convolutions: 316 Stainless Steel
 Internal Sleeve: 316 Stainless Steel

BSS Code	Size (mm)	Axial Compression	Installed Length	Effective Area cm ²	Force to Compress N/mm	Max Temp & Pressure
48024618	15	25	200	4	1.47	120°C @ 10 Bar
48024629	20	25	200	6	1.47	120°C @ 10 Bar
48024640	25	25	200	10	1.27	120°C @ 10 Bar
48024651	32	25	210	16	3.04	120°C @ 10 Bar
48024662	40	25	220	21	3.04	120°C @ 10 Bar
48024673	50	25	250	40	3.34	120°C @ 10 Bar
48024684	65	25	273	50	3.54	120°C @ 10 Bar
48024695	15	50	300	4	1.47	120°C @ 10 Bar
48024703	20	50	300	6	1.47	120°C @ 10 Bar
48024714	25	50	300	10	1.27	120°C @ 10 Bar
48024725	32	50	310	16	3.04	120°C @ 10 Bar
48024736	40	50	320	21	3.04	120°C @ 10 Bar
48024747	50	50	350	40	3.04	120°C @ 10 Bar

The anchor loads generated by this type of Axial Expansion Compensator are high. A bracket / guide with a low frictional resistance should be used in all bracket locations.

Please note these units are not suitable for use on a drop rod system and need to be suitably guided. Please ask for more information on our Low Friction Guides & Guide Clips as well as suitable anchor brackets.

Primary & Secondary Pipe Guide Spacings



Ancho Secondary Guide Primary