



BOSS™ AX3(SPE)

STAINLESS PIPE END AXIAL BELLOWS

Data Sheet

General Description

Designed to accept linear expansion on 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: 316 Stainless steel facings Pipe 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 cm2	Force to Compress N/mm	Max Temp & Pressure
48024758	15	25	200	4	1.47	120°C @ 10 Bar
48024769	18	25	200	5	1.47	120°C @ 10 Bar
48024780	22	25	200	6	1.47	120°C @ 10 Bar
48024791	28	25	200	10	1.27	120°C @ 10 Bar
48024810	35	25	210	16	3.04	120°C @ 10 Bar
48024821	42	25	220	21	3.04	120°C @ 10 Bar
48024832	54	25	250	40	3.34	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

