



BOSS™ AX3(CPE)

COPPER 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: 6 Bar
Temperature: 90 Degrees C
Test: 1.5x Working

Material Specification

Fittings: Copper Pipe Ends
(Copper & Stainless steel to all wetted areas)
Convolutions: 316 Stainless Steel
Internal Sleeve: 316 Stainless Steel

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.

BSS Code	Size (mm)	Axial Compression	Installed Length	Effective Area cm2	Force to Compress N/mm	Max Temp & Pressure
48023904	15	25	220	5.2	49	90°C @ 6 Bar
48023915	22	25	230	5.2	49	90°C @ 6 Bar
48023926	28	25	235	8.2	67	90°C @ 6 Bar
48023937	35	25	245	13.7	73	90°C @ 6 Bar
48023948	42	25	250	20	90	90°C @ 6 Bar
48023959	54	25	250	32.1	153	90°C @ 6 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

