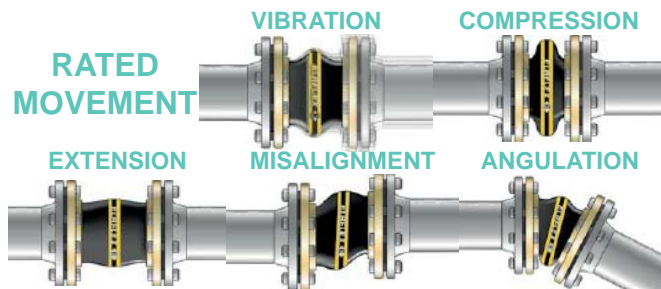




ELAFLEX DOUBLE RED BAND

TIED RUBBER EXPANSION
JOINTS PN6 OR PN16

Data Sheet



General Description

DOUBLE RED BAND expansion joints suitable for: LTHW water, Cooling & CHW water & Hot air. If equipment is mounted on springs / inertia bases use the tied variant.

Working Conditions

DIN4809 Approved to

Temp up to 100° C @ 10 bar
110° C @ 6 bar.

Temperature range (depending on medium)
- 40° C up to + 130° C, temporarily up to + 150° C.

Test: 1.5x Working

Material Specification

Flanges: Carbon Steel PN6/16
Body: spherical moulded EPDM polymer textile cord reinforced, with wire reinforced collar.
The units are a full bore thus removing pressure drop problems.

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)	Installed Length	Max Pres- sure	Temperature Limits °C	Max Axial Movement @ 70°C	Max Lateral Offset @ 70°C	Max Angular Offset @ 70°C
48024223	25	130	10 Bar	-40 - +100	-30mm / +20mm	+/-30mm	+/-30°
48024234	32	130	10 Bar	-40 - +100	-30mm / +20mm	+/-30mm	+/-30°
48024245	40	130	10 Bar	-40 - +100	-30mm / +20mm	+/-30mm	+/-30°
48024256	50	130	10 Bar	-40 - +100	-30mm / +20mm	+/-30mm	+/-30°
48024267	65	130	10 Bar	-40 - +100	-30mm / +20mm	+/-30mm	+/-30°
48024278	80	130	10 Bar	-40 - +100	-30mm / +20mm	+/-30mm	+/-30°
48024289	100	130	10 Bar	-40 - +100	-30mm / +20mm	+/-30mm	+/-20°
48024308	125	130	10 Bar	-40 - +100	-30mm / +20mm	+/-30mm	+/-20°
48024319	150	130	10 Bar	-40 - +100	-30mm / +20mm	+/-30mm	+/-20°
48024330	200	130	10 Bar	-40 - +100	-25mm / +30mm	+/-30mm	+/-10°
48024341	250	130	10 Bar	-40 - +100	-10mm / +30mm	+/-15mm	+/-5°
48024352	300	130	10 Bar	-40 - +100	-10mm / +30mm	+/-15mm	+/-5°

PLEASE NOTE

ELAFLEX Double Red Band are thermal cycle tested to simulate a 10 year life and are Certified to DIN4809.

ELAFLEX Pump Flex are stamped with Origin of Manufacture, Date Of Manufacture, Batch Number and Size.

As with all bellows, E-Flex being used in the axial plane require the correct guiding & anchoring:

Primary Guides - 2-4 Pipe Diameters - Secondary Guides - 12-14 Pipe Diameters - Anchors at each end of the run

