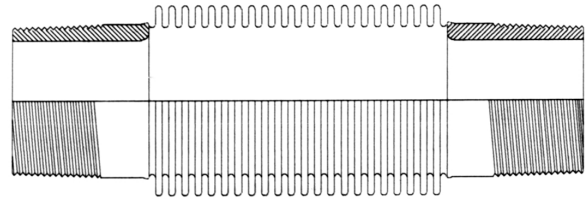


SINGLE AXIAL BSPT MALE - STAINLESS STEEL

TYPE : APS/16/010

DESIGN CONDITIONS

Max. working pressure 16 Bar g.
 Temperature Range -20 to 400°C
 Test Pressure 24 Bar g.
 Design Code EJMA



CONSTRUCTION MATERIALS

Bellows 321 Stainless Steel
 Connectors 321 Stainless Steel

UNIT IDENTIFICATION:

Manufacturer, Size, Country of Origin, Date Stamp, Type No.

SPECIFICATION

Thermosel type APS/16/010 unrestrained axial movement expansion joint. High grade stainless steel membrane with fixed stainless steel end connectors threaded to BS21. Designed to EJMA (Expansion Joint Manufacturing Association).

TECHNICAL DATA

SIZE		PART NUMBER	MOVEMENT		FREE LENGTH	EFFECTIVE AREA	AXIAL SPRING RATE
mm	IN / BSP		+/- mm	Total mm			
		APS/____/16/010/BSP					
15	1/2	APS/0015/16/010/BSP	13	26	170	6.97	36.2
20	3/4	APS/0020/16/010/BSP	13	26	170	6.97	36.2
25	1	APS/0025/16/010/BSP	15	30	170	10.1	62.3
32	1 1/4	APS/0032/16/010/BSP	15	30	185	14.5	52.7
40	1 1/2	APS/0040/16/010/BSP	15	30	200	22	67.3
50	2	APS/0050/16/010/BSP	25	50	222	37	67.8
65	2 1/2	APS/0065/16/010/BSP	25	50	222	56	88.9

Note - Spring Rate Tolerance +/- 25%

TYPICAL APPLICATIONS

These are designed to absorb axial movement resulting from thermal expansion / contraction in non-ferrous heating and chilled water pipework. Suitable for use with potable or domestic water and condensate applications.

INSTALLATION

Please refer to the recommendations contained in our literature on the installation of expansion joints. This expansion joint will extend in length when under pressure unless adequately restrained by anchors and guides. Ideally the joint should be located adjacent to an anchor with the first guide not more than four pipe diameters from the expansion joint. The next guide should be positioned 14 pipe diameters from the first, with subsequent guides positioned as necessary to ensure that the pipeline is free from sag or pressure deflection.

The APS/16/010 is supplied at its free length and will usually require cold drawing on installation.

ALTERNATIVES

Where an APS/16/010 is not suitable please contact *Pickup Bellows Ltd* to discuss the alternative options.

UNRESTRAINED