

Threaded End Type – JF-400STG (Multiply bellows for high pressure)**Description**

Multiply stainless steel bellows welded to male threaded ends and with internal sleeve. Designed to accommodate axial movement of pipeline in higher working pressure and working temperature.

Feature

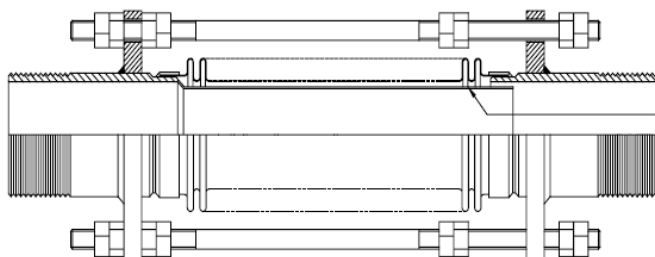
Size Range: 1/2" (DN15) ~ 2" (DN50)

Design Pressure: 16bar

Life Cycles > 1,000 times

CONSTRUCTION

Item	Part	Material		Specification
1	Bellows	St. St. Grade 304/316	EN 1.4301/1.4401 DIN X5CrNi1810/X5CrNiMo17122	
2	Internal Sleeve	St. St. Grade 304/316	-ditto-	
3	Threaded Tube End	Carbon Steel St. St. Grade 304/316	JIS SS400 EN 1.4301/1.4401 DIN X5CrNi1810/X5CrNiMo17122	BS EN 10226-1 ISO 7-1
4	Tie-rods Holders	Carbon Steel /SS304	JIS SS400 EN 1.4301 DIN X5CrNi1810	
5	Tie-rods	Carbon Steel /SS304	-ditto-	

**SPECIFICATION**

NOMINAL BORE		TOTAL LENGTH	BELLOWS		AXIAL MOVEMENT		AXIAL SPRING RATE	EFFECTIVE AREA	Note
mm	inch	mm	O.D.	CORR. No.	mm		N/mm	cm ²	
15	1/2	400	31.0	40	+10	-40	13.9	5.5	
20	3/4	400	32.7	40	+10	-40	14.4	6.3	
25	1	400	37.5	36	+10	-40	22.2	8.1	
32	1 1/4	400	47.0	36	+10	-40	24.6	13.5	
40	1 1/2	400	57.0	32	+10	-40	35.8	19.8	
50	2	400	72.0	24	+10	-40	52.4	31.6	

Other movements, sizes, and pressure expansion joint available on request