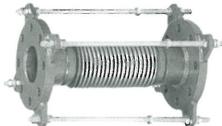




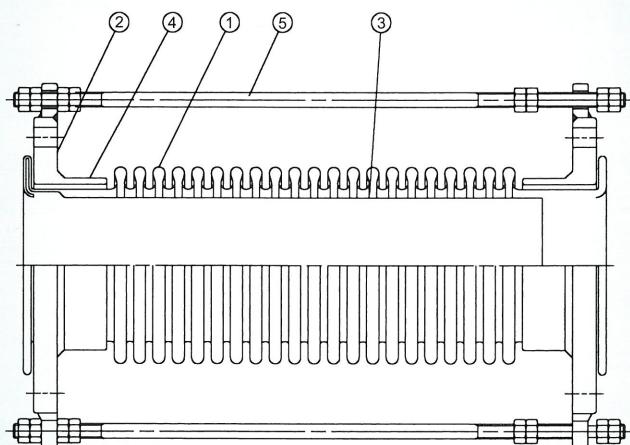
不銹鋼伸縮接頭 . . .

STAINLESS STEEL EXPANSION JOINT



■ YS-150亞米茄伸縮接頭

OMEGA伸縮接頭，無應力集中之缺點，對於吸收管線膨脹、壓縮，可發揮極大的功效。



■ 特性說明

1. 伸縮囊：這是伸縮接頭最重要的一部份，以亞米茄曲線加工成型，板厚均勻，無局部應力集中的缺點，大幅地提高了伸縮使用次數。
2. 液接面與管體同材質一體成型：無焊接點，可消除焊接所造成的粒界腐蝕。
3. 內筒：使用內筒的目的在於防止管中流體流經伸縮股時造成擾流現象，並降低壓力損失及防止伸縮囊因扭曲而破壞伸縮接頭。
4. 設限螺桿：為延長伸縮接頭的使用壽命，使伸縮量不超過限度，造成不必要的損壞。
(裝置前，螺絲緊鎖以固定中心線及長度，裝置完成後，並須鬆開螺絲如圖示)
5. 用於強酸、鹼等特殊用途，BELLows 可披覆PTFE。

■ INTRODUCTION OF YS-150

YS-150 OMEGA Expansion Joint, can release the stress distributing to every point averagely. It can do the best effective to absorb the expansion(compression)of pipe line.

■ CONSTRUCTION

ITEM	PARTS	MATERIAL	REMARK (OPTION)
1	BELLows	SUS304 18/8SS	SUS316/321
2	FLANGE	FCD-40	SUS304/316
3	INTERNAL SLEEVE	SUS304	SUS316
4	TUBE END	FCD-40	SUS304/316
5	TIE RODS	S25C	

*Flange galvanized with JIS 10kg/cm². ANSI 150LBS, DIN, BS4504 PN16 drilling are available.
(Special Design of Flange on Request)

■ CHARACTER

1. Bellows: The most important part of the joint is molded into OMEGA curve. The equivalent thickness is tightly controlled, and keep the stress averagely. The available life is raised very much.
2. Liquid Contacting surface is molded with bellows without welding. Eliminate the corrosion of welded material.
3. Internal Sleeve: Sleeve make the contacting surface smoothly. It can prevent the pressure loss when through the bellows. And eliminate the squirm of the bellows.
4. Tie Rods: Avoiding the overloading of bellows, bolts limit the maximum and minimum length.
(Before install, it's a shipping rods to fix the length and central line. After installed, the nuts must be loose. (See above drawing))
5. Coating with PTFE on the surface of BELLows is possible.



不銹鋼伸縮接頭 . . .



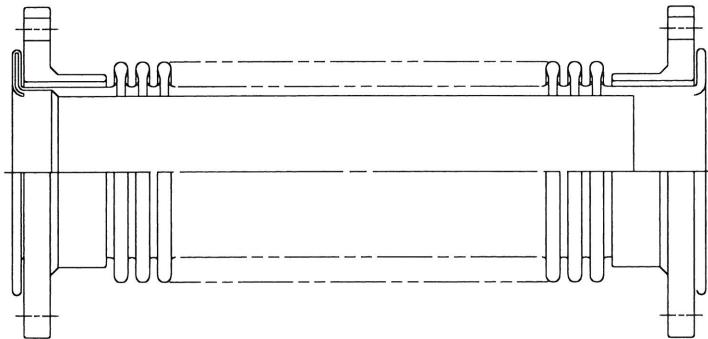
STAINLESS STEEL EXPANSION JOINT

YS-150 型 (有內筒)

With Internal Sleeve

液接面與管體同材質一體成型
無焊接點。

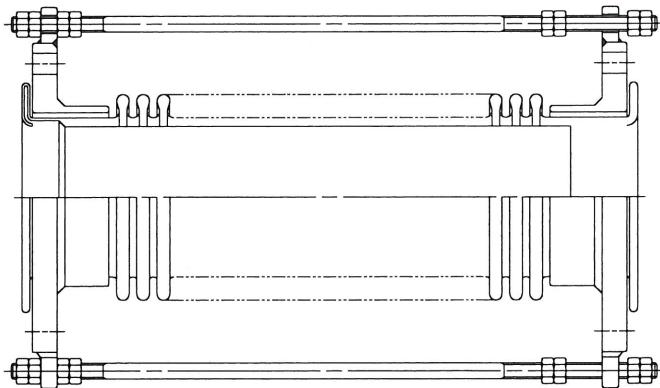
BELLOWS Without Welding.
Can make a long service life.



YS-150 SG 型

有內筒及設限螺桿。

With Internal Sleeve and Tie Rods.



■ YS-150系列性能規格表 (SPECIFICATION) Working Pressure 工作壓力 : 10kg/cm²(150PSI)

Nominal Bore 口 徑		Total Length 總長度	Bellows		Force to Compress 反作用力	Effective Area 流體面積	Axial Movement 伸縮量	
mm	Ins	mm	O.D. 外徑	Corr's NO. 山數	kg	cm²	mm	mm
40	1 1/2	300	60	32	150	22.2	+10	-40
50	2	300	78	24	180	34.5	+10	-40
65	2 1/2	300	92	20	280	52.5	+10	-40
80	3	300	108	20	260	71.2	+10	-40
100	4	300	132	16	280	110.5	+10	-40
125	5	300	163	15	400	168.7	+10	-40
150	6	300	190	14	530	233.9	+10	-40
200	8	300	243	13	650	389.1	+10	-40
250	10	300	295	12	750	592.2	+10	-40
300	12	300	345	12	850	829.7	+10	-40

【註】“+” Means : Extended “-” Means : Compressed

口徑14以上，規格另行設計製造。