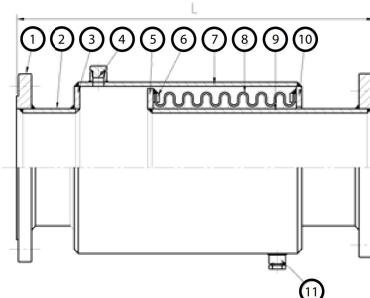


SJT4100

EXTERNAL PRESSURIZED EXPANSION JOINT



Item	Qty	Name	Standard Material
1	2	Flange	SS400
2	1	Short Pipe	CS
3	1	Band Ring	SS400
4	1	Purge Connection	CS
5	1	Guide Ring	SS400
6	4	Half Ring	SUS304
7	1	Cover Pipe	SS400
8	1	Stainless Steel Bellows	SUS316L
9	1	Inner Pipe	CS
10	1	Cap Ring	SS400
11	1	Drain	CS

Design Working Pressure	10-25 Bar (150-360 PSI)
Design Working Temperature	200°C
Design Working Pressure	10 Bar
Applicable Fluid	Water, Hot Water, Oil, Steam, Gas, and Exhaust Air

- Besides the large amount of axial movement, another special feature of external pressure balanced type expansion joint is the self-draining convolutions. It can prevent any the accumulation of corrosive or solid particles from building up. Liquid media can 100% drains away from the drain connection, if needed, assists by the purging.
- SUS 304 bellows and pipe are available upon requested.
- Please consult us for other material, temperature and movement designs.
- SJT-4101,4103,4105 10 bars (150 PSI)
SJT-4102,4104 20 bars (300 PSI)
SJT-4106 16 bars (232 PSI)
SJT-4107 25 bars (360 PSI)
- For steam application, it is advised using steam trap with the drain connection which eliminates the possibility of any condensate liquid "flashing" to vapor during startups.
- Shipping devices (yellow sticker) must be removed prior to start-up or testing the system.

Size	Axial Movement (mm)	Axial Spring Rate (N/mm)	Effective Area (cm ²)	L (mm)	Weight (kg)
25A	-50	28	27	475	7
32A	-50	28	27	475	8
40A	-50	28	27	475	9
50A	-50	31	53	500	13
65A	-50	28	78	550	21
80A	-75	33	86	750	31
100A	-100	28	162	800	54
125A	-100	45	232	800	60
150A	-100	50	302	850	84
200A	-100	57	481	850	114
250A	-100	68	714	850	141
300A	-100	98	1001	875	196
350A	-100	98	1190	875	269
400A	-100	118	1517	875	342