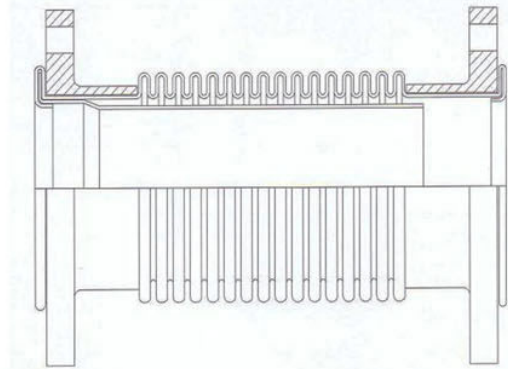




Expansion Joint Flanged End Type 150 series



CONSTRUCTION

Item	Parts	150N	150S	150SG	Material
1	Bellows	☉	☉	☉	SUS304/316
2	Internal Sleeve		☉	☉	SUS304/316
3	Flange	☉	☉	☉	FCD400
4	Limit Rods			☉	S25C/SS304

Features : One ply stainless steel bellows connected with floating flanges. Internal sleeve and limit rods are optional. Designed to accommodate axial movement of pipeline in medium and low pressure and in medium and low working temperature. Size range is from 40mm to 300mm.

Movement : 50mm

Flange : according to DIN, JIS, ANSI

SPECIFICATION

NOMIAL BORE		TOTAL LENGTH		BELLOWS				AXIAL MOVEMENT		WORKING PRESSURE		AXIAL SPRING RATE	EFFECTIVE AREA		
mm	inch	mm	inch	O.D.	CORR.	PLY	No.	No.	mm	inch	bar	psi	N/mm	cm ²	inch ²
40	1 1/2	300	11.81	58.0	2.36	32	1	50	2	10	145.2	22.44	20.2	3.1	
50	2	300	11.81	74.0	3.07	24	1	50	2	10	145.2	18.42	32.8	5.1	
65	2 1/2	300	11.81	90.0	3.62	20	1	50	2	10	145.2	45.37	49.6	7.7	
80	3	300	11.81	104.0	4.25	20	1	50	2	10	145.2	45.08	67.8	10.5	
100	4	300	11.81	130.0	5.20	16	1	50	2	10	145.2	47.82	108.0	16.7	
125	5	300	11.81	160.0	6.42	15	1	50	2	10	145.2	84.87	166.5	25.8	
150	6	300	11.81	188.0	7.48	14	1	50	2	10	145.2	78.99	232.4	36.0	
200	8	300	11.81	242.0	9.57	13	1	50	2	10	145.2	136.42	394.1	61.1	
250	10	300	11.81	292.0	11.61	12	1	50	2	10	145.2	179.63	589.7	91.4	
300	12	300	11.81	344.0	13.58	12	1	50	2	10	145.2	183.95	829.6	128.6	

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