



## BELLOWS EXPANSION JOINT



### FEATURES

PN6 / PN10 / PN16 / PN25 / 150LB / JIS10K

Size: 1-1/4" ~ 40" (32~1000mm)

Body materials: steel, ductile iron, stainless steel

Reduce pipeline system vibration and noise

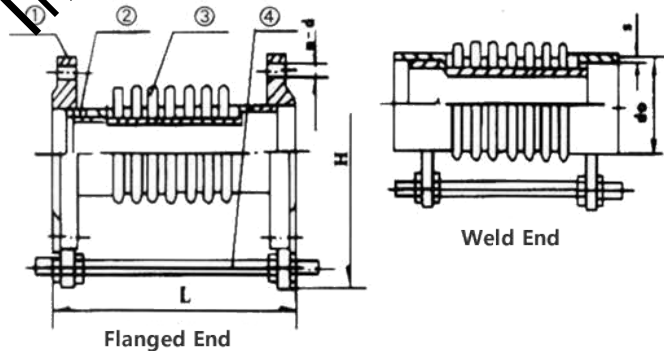
Good sealing, light weight, easy installation, long service life

Solve the problem of axial movement, transverse movement, angular movement

Acid resistance, alkali resistance, corrosive resistance, oil resistance, heat resistance

Working temperature: -40°C ~ +80°C

Applicable mediums: weak acid, weak alkali, weak corrosive, oil, hot water, cold water



### PARTS AND MATERIALS

NO.	PARTS	MATERIALS
1	Flanges	Steel, Ductile Iron, Stainless Steel
2	Bellows Ends	S.S.304, S.S.316, S.S.321
3	Bellows	S.S.304, S.S.316, S.S.321
4	Tie Rods	Steel, Stainless Steel

### MAIN CONNECTION DIMENSIONS

DN (mm)	Bellows Nos	Pressure (Mpa)					Bellows Available Area (cm <sup>2</sup> )	Max OD (mm)	Length	
		0.25	0.6	1	1.6	2.5			Flange End	Weld End (mm)
		Axial compensation mm, N/ram							(mm)	(mm)
32	8	25/21	22/26	20/26	18/63	15/98	16	110	160/250	264/210



	16	Nov-50	46/14	41/14	36/32	31/47		220	224/291	316/320
40	8	25/28	22/44	20/44	18/89	15/106	23	130	164/259	269/260
	16	50/14	46/22	41/22	36/45	31/55		240	230/304	319/400
50	8	25/30	22/51	20/70	18/70	15/138	37	150	172/276	282/230
	16	50/16	46/26	41/35	36/35	31/70		260	240/342	347/450
65	8	33/28	30/35	26/44	22/55	19/68	55	170	315/294	300/260
	12	42/16	38/22	38/32	34/40	29/50		280	260/334	340/470
80	8	40/20	36/26	34/33	28/41	24/54	81	200	240/338	344/260
	10	53/14	49/17	49/21	43/26	38/33		230	270/368	374/300
100	8	45/47	45/60	40/75	35/93	29/117	121	220	235/317	323/280
	10	76/26	74/32	64/40	57/50	49/63		260	307/331	387/320
125	6	48/38	42/47	38/59	34/74	29/92	180	250	282/314	316/320
	8	85/23	77/29	66/36	58/45	50/56		290	382/386	388/360
150	6	49/42	44/50	40/62	34/78	29/97	257	250	282/339	338/320
	8	79/34	71/43	64/51	54/59	46/65		290	356/399	402/360
200	6	52/49	46/55	42/68	38/78	34/111	479	300	280/348	348/370
	8	73/31	65/44	59/52	53/58	48/78		340	340/402	402/420
250	6	72/30	63/34	59/42	52/45	47/55	59	300	315/379	415/420
	8	108/16	97/21	87/35	79/39	71/47		360	393/459	493/460
300	6	72/51	65/55	59/59	52/65	47/71	1105	340	366/427	466/488
	8	108/32	97/35	87/37	79/41	71/47		400	464/525	564/520
350	6	72/58	65/62	59/67	52/74	47/81	1307	340	397/452	497/480
	8	10/38	7/41	87/44	79/48	71/47		420	509/564	609/540
400	6	72/54	65/58	59/62	52/68	47/75	1611	340	412/478	512/480
	8	108/36	97/39	87/43	79/47	71/52		420	522/588	622/560
450	6	108/32	97/35	87/37	79/41	71/45	1972	340	403/498	503/500
	8	162/20	145/22	131/23	118/25	106/28		450	503/658	603/590
500	6	108/59	97/64	87/68	79/75	71/82	2445	340	431/523	531/500
	8	162/34	145/33	131/39	118/43	106/48		450	531/665	631/600
600	6	108/74	97/80	87/85	79/94	71/103	3534	380	478/548	578/540
	8	162/44	145/45	131/49	118/53	106/60			658/679	758/640
700	4	108/67	97/72	87/77	79/85	71/95	4717	1110	490	550
	6	162/42	145/45	131/49	118/53	106/60			690	670
800	4	120/88	108/95	102/102	94/112	82/123	5822	1265	502	560
	6	183/67	164/72	156/77	144/85	125/93			610	600
900	4	120/84	108/90	102/97	94/107	82/117	7620	1186		620
	6	183/60	164/65	156/69	144/76	125/84				720
1000	4	120/91	108/98	102/105	94/166		9043	1286		690
	6	183/59	164/65	156/71	144/81					790