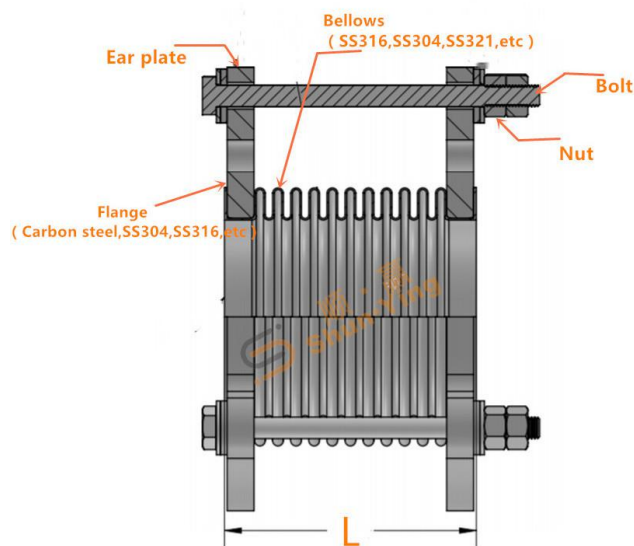


Metal bellows expansion joints



TECHNICAL PARAMETERS	
Working pressure	0.6~2.5Mpa
Working temperature	- 15 ~ 300℃
Material	316L, 304L, 321, carbon steel
Connection method	flange type, welded type, groove type
Applicable medium:	water, steam, air, weak acid and alkali, oil, etc.

Metal bellows expansion joints are also called metal bellows, metal expansion joints, or bellows Pump Connectors. It consists of bellows (a kind of elastic element) and the end pipes, brackets, flanges, pipes and other accessories that form the main body of its work. The metal expansion joint belongs to a compensation element. The metal expansion joint is mainly used to compensate for axial displacement and has the ability to compensate for angular displacement, but it is generally not used to compensate for angular displacement. Metal expansion bellows are compensating elements for thermal expansion and relative motion in pipes, vessels and machines. Absorption of axial, lateral, and angular displacement.

MAIN DATA:

Nominal diameter	Quantity of ripple	Pressure level(Mpa)					Effective area of corrugated tube	Maximum external diameter size	Length
		0.25	0.6	1	1.6	2.5			
DN							(cm2)	(mm)	Flange
		Axial compensation lengthmm/toughness N/mm							(mm)
32	8	25/21	22/26	20/26	18/63	15/98	16	110	160/250
	16	50/11	46/14	41/14	36/32	31/47		220	224/291
40	8	25/28	22/44	20/44	18/89	15/106	23	130	164/259
	16	50/14	46/22	41/22	36/45	31/55		240	230/304
50	8	25/30	22/51	20/70	18/70	15/138	37	150	172/276
	16	50/16	46/26	41/35	36/35	31/70		260	240/342
65	8	33/28	30/35	26/44	22/55	19/68	55	170	315/294
	12	42/16	38/22	38/32	34/40	29/50		280	260/334
80	8	40/20	36/26	34/33	28/41	24/54	81	200	240/338
	10	53/14	49/17	49/21	43/26	38/33		230	270/368
100	8	45/47	45/60	40/75	35/93	29/117	121	220	235/317
	10	76/26	74/32	64/40	57/50	49/63		260	305/381
125	6	48/38	42/47	38/59	34/74	29/92	180	250	282/314
	8	85/23	77/29	66/36	58/45	50/56		290	382/386
150	6	49/42	44/50	40/62	34/78	29/97	257	250	282/339
	8	79/34	71/43	64/51	54/59	46/65		290	356/399
200	6	52/49	46/55	42/68	38/78	34/111	479	300	280/348
	8	73/31	65/44	59/52	53/58	48/78		340	340/402
250	6	72/30	63/34	59/42	52/45	47/55	769	300	315/379
	8	108/16	97/21	87/35	79/39	71/47		360	393/459

Nomin al diameter	Quantity of ripple	Pressure level(Mpa)					Effective area of corrugated tube	Maximu m external diameter size	Length
		0.25	0.6	1	1.6	2.5			
DN							(cm2)	(mm)	Flange
		Axial compensation lengthmm/toughness N/mm							(mm)
300	6	72/51	65/55	59/59	52/65	47/71	1105	340	366/427
	8	108/32	97/35	87/37	79/41	71/45		400	464/525
350	6	72/58	65/62	59/67	52/74	47/81	1307	340	397/452
	8	108/38	97/41	87/44	79/48	71/47		420	509/564
400	6	72/54	65/58	59/62	52/68	47/75	1611	340	412/478
	8	108/36	97/39	87/43	79/47	71/52		420	522/588
450	6	108/32	97/35	87/37	79/41	71/45	1972	340	403/498
	8	162/20	145/22	131/23	118/25	106/28		450	503/658
500	6	108/59	97/64	87/68	79/75	71/82	2445	340	431/523
	8	162/34	145/37	131/39	118/43	106/48		450	531/665
600	6	108/74	97/80	87/85	79/94	71/103	3534	380	478/548
	8	162/42	145/45	131/49	118/53	106/60			658/679
700	4	108/67	97/72	87/77	79/85	71/103	4717	1110	490
	6	162/42	145/45	131/49	118/53	106/60			690
800	4	120/88	102/95	102/102	94/112	71/95	5822	1265	502
	6	183/67	164/72	156/77	144/85	106/60			610
900	4	120/84	108/90	102/97	94/107	82/123	7620	1186	
	6	183/60	164/65	156/69	144/76	125/93			
1000	4	120/91	108/98	102/105	94/116	82/117	9043	1286	
	6	183/59	164/65	156/71	144/81	125/84			

Notes: 1、 Flange is available with DIN Standard,ANSI Standard,JIS Standard,and BS Standard.

2、 Please sent us letter and drawing for customization if you have special requirements.

 河南顺赢新能源有限公司 Henan Shunying New Energy Co.,Ltd.	Proposal/Inquiry/Order No:	NOTES:
	Customer Name:	
	Project Name:	
	Contractor:	