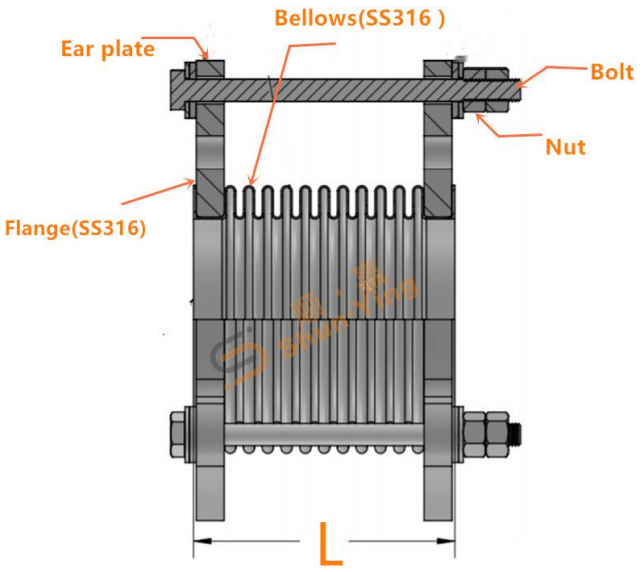
Stainless steel 316 bellows expansion joint



TECHNICAL PARAMETERS	
Working pressure	0.6~2.5Mpa
Working temperature	-20℃to 400℃
Material	316,316L, carbon steel
Connection method	flange type, welded type, groove type
Applicable medium:	water, steam, air, weak acid and alkali, oil, etc.

The 316 stainless steel bellows expansion joint is made of 316, 316L stainless steel and consists of bellows (an elastic element) and end pipes, brackets, flanges, pipes and other accessories. Excellent softness, corrosion resistance, high temperature resistance, high pressure resistance, can be connected in any direction in the pipeline to compensate and absorb vibration, reduce noise, change the direction of media transport, eliminate pipelines or pipes and Mechanical displacement between equipment,etc. 316 stainless steel bellows expansion joints are particularly suitable for flexible joints of various pumps and valves with displacement and vibration.

MAIN DATA:

Nominal diameter DN	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	(cm2)	(mm)	Flange
		Axial compensation length (mm)/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

Nominal diameter DN	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	(cm2)	(mm)	Flange
		Axial compensation length (mm)/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:	
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