

Jinbo Marine

Marine & Offshore Equipment Datasheet

PRODUCT DATASHEET

MARINE EXPANSION JOINT

A Type Marine Metal Bellow Expansion Joint

ISO9001 Supplier

Class Certificate

Export Supply

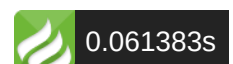
It is mainly applied to seawater, ballast, fire and oil, steam temperature is not greater than 200 degrees Celsius and the ship piping system, and as thermal expansion and contraction due to hull deformation displacem...



Key Highlights

Category	Marine Expansion Joint
Standard	GB
Weight / Size	seawater, heavy oil Structure A Type Marine Metal Bellow Expansion Joint...
Certificate	ABS, LR, BV, DNVGL, NK, KR, IRS, RMRS, CCS

We can supply according to your requirement, drawings, class certificate needs, and delivery schedule.



Technical Specifications

Category	Marine Expansion Joint	Model / SKU	A-Type-Marine-Metal-Bellow-Expansion-Joint
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Standard	GB	Weight / Size	seawater, heavy oil Structure A Type Marine Metal Bellow Expansion Joint Main Specifications PN(MPa) DN(mm) Structure size Flange size Weight n d D L D1 D2 b b1 b2 d0 n1 mm mm Kg 0.4 300 4 310 366 230 430 386 ~ 18 12 21 14 25.9 350 377 433 230 480 436 20 13 21 16 31.2 400 426 482 240 530 486 22 14 21 16 38.1 450 480 536 240 580 536 24 16 21 18 44.9 500 530 584 250 635 591 26 16 21 20 53.9 0.6 50 6 60 88 160 135 103 15 13 9 15 6 3.6 65 76 108 180 155 123 14 12 9 15 6 4.4 80 90 122 190 170 138 14 13 9 15 8 5.0 100 110 142 190 190 158 14 13 9 15 8 5.8 125 135 181 210 215 183 14 13 10 15 10 7.8 150 160 206 210 240 206 14 14 11 15 12 9.4 175 189 235 210 270 238 15 14 11 15 12 10.5 200 4 214 272 220 295 264 15 15 11 15 12 14.5 250 260 316 230 365 327 16 16 12 17 14 20.5 300 310 366 240 430 366 19 18 12 21 14 27.9 350 377 433 240 480 436 20 20 13 21 16 33.6 400 426 462 250 530 486 21 22 14 21 16 40.8 450 480 536 250 580 536 21 24 16 21 18 47.8 500 530 584 250 635 591 21 26 18 21 20 56.7 1.0 50 6 60 87 185 135 103 15 13 9 15 6 3.9 65 76 110 200 155 123 14 12 9 15 6 4.9 80 90 124 200 170 138 14 13 9 15 8 5.5 100 110 144 210 190 158 14 13 9 15 8 6.5 125 135 177 235 215 183 14 13 10 15 10 7.9 150 130 196 230 240 208 14 14 11 15 12 9.7 175 189 225 230 285 248 16 17 12 17 12 14.0 200 214 269 305 310 273 17 17 12 17 12 20.6 250 260 316 305 380 336 20 20 14 21 14 28.6 300 310 366 315 435 391 21 24 14 21 16 37.9 350 377 434 315 485 441 21 28 14 21 18 46.8 400 426 484 335 545 496 24 30 16 26 18 59.7 450 480 538 335 600 551 24 32 16 26 20 70.3 500 530 588 350 650 601 25 34 18 26 20 81 4 1 6 50 60 87 185 135 103 10.061383s
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		6 4.0 65 76 108 200 170 132 18 16 12 17 8 7.0 80 90 124 200 185 147 19 17 12 17 8 8.0 100 110 144 210 205 167 19 17 12 17 10 9.7 125 135 169 235 225 187 19 17 12 17 10 10.9 150 160 194 250 255 217 19 18 13 17 12 14.0 175 189 223 250 300 256 21 20 14 21 12 18.4 200 214 270 300 325 281 21 22 15 21 12 27.4 250 260 316 320 390 341 25 26 16 26 14 38.6 300 210 366 340 445 396 25 28 17 26 16 49.1 350 377 433 340 495 447 26 32 18 26 18 60.4 400 426 483 360 560 505 30 36 22 30 18 82.7 450 480 537 370 610 555 38 40 26 30 20 98.1 500 530 587 390 665 610 42 44 28 30 22 120.1	
Certificate	ABS, LR, BV, DNVGL, NK, KR, IRS, RMRS, CCS	Warranty	12 Months unless specified otherwise
Origin	China		

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	■ Structure	■ A Type Marine Metal Bellow Expansion Joint Main Specifications

China A Type Marine Metal Bellow Expansion Joint:

It is mainly applied to seawater, ballast, fire and oil, steam temperature is not greater than 200 degrees Celsius and the ship piping system, and as thermal expansion and contraction due to hull deformation displacement compensation device in the pipeline, but also can be applied to the fan, pump and piping vibration field of high frequency and low amplitude.

Basic Parameters

DN: 300-500mm, PN=0.4MPa

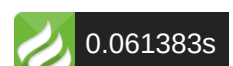
Flange connection standard: GB569-65

Applicable medium: seawater, heavy oil

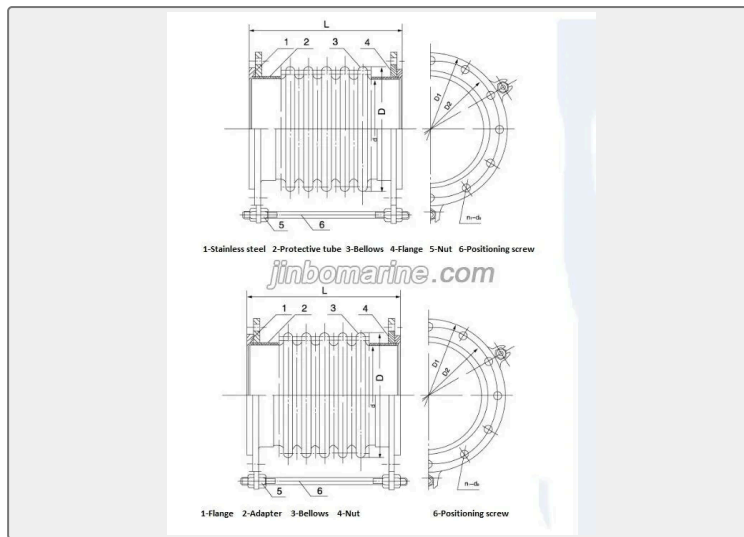
DN: 50-500mm, PN=0.6MPa, 1.0MPa, 1.6Mpa

Flange connection standard: GB569-65

Applicable medium: seawater, heavy oil



Structure



A Type Marine Metal Bellow Expansion Joint Main Specifications

PN(MPa)	DN(mm)	Structure size				Flange size							Weight
		n	d	D	L	D1	D2	b	b1	b2	d0	n1	Kg
		mm				mm							
0.4	300	4	310	366	230	430	386	~	18	12	21	14	25.9
	350		377	433	230	480	436		20	13	21	16	31.2
	400		426	482	240	530	486		22	14	21	16	38.1
	450		480	536	240	580	536		24	16	21	18	44.9
	500		530	584	250	635	591		26	16	21	20	53.9

0.6	50	6	60	88	160	135	103	15	13	9	15	6	3.6
	65		76	108	180	155	123	14	12	9	15	6	4.4
	80		90	122	190	170	138	14	13	9	15	8	5.0
	100		110	142	190	190	158	14	13	9	15	8	5.8
	125		135	181	210	215	183	14	13	10	15	10	7.8
	150		160	206	210	240	206	14	14	11	15	12	9.4
	175		189	235	210	270	238	15	14	11	15	12	10.5
	200	4	214	272	220	295	264	15	15	11	15	12	14.5
	250		260	316	230	365	327	16	16	12	17	14	20.5
	300		310	366	240	430	366	19	18	12	21	14	27.9
	350		377	433	240	480	436	20	20	13	21	16	33.6
	400		426	462	250	530	486	21	22	14	21	16	40.8
	450		480	536	250	580	536	21	24	16	21	18	47.8
	500		530	584	250	635	591	21	26	18	21	20	56.7

1.0	50	6	60	87	185	135	103	15	13	9	15	6	3.9
	65		76	110	200	155	123	14	12	9	15	6	4.9
	80		90	124	200	170	138	14	13	9	15	8	5.5
	100		110	144	210	190	158	14	13	9	15	8	6.5
	125		135	177	235	215	183	14	13	10	15	10	7.9
	150		130	196	230	240	208	14	14	11	15	12	9.7
	175		189	225	230	285	248	16	17	12	17	12	14.0
	200		214	269	305	310	273	17	17	12	17	12	20.6
	250		260	316	305	380	336	20	20	14	21	14	28.6
	300		310	366	315	435	391	21	24	14	21	16	37.9
	350		377	434	315	485	441	21	28	14	21	18	46.8
	400		426	484	335	545	496	24	30	16	26	18	59.7
	450		480	538	335	600	551	24	32	16	26	20	70.3
	500		530	588	350	650	601	25	34	18	26	20	81.4
1.6	50	60	87	185	135	103	15	13	9	15	6	4.0	
	65	76	108	200	170	132	18	16	12	17	8	7.0	
	80	90	124	200	185	147	19	17	12	17	8	8.0	
	100	110	144	210	205	167	19	17	12	17	10	9.7	
	125	135	169	235	225	187	19	17	12	17	10	10.9	
	150	160	194	250	255	217	19	18	13	17	12	14.0	
	175	189	223	250	300	256	21	20	14	21	12	18.4	
	200	214	270	300	325	281	21	22	15	21	12	27.4	
	250	260	316	320	390	341	25	26	16	26	14	38.6	
	300	210	366	340	445	396	25	28	17	26	16	49.1	
	350	377	433	340	495	447	26	32	18	26	18	60.4	
	400	426	483	360	560	505	30	36	22	30	18	82.7	
	450	480	537	370	610	555	38	40	26	30	20	98.1	
	500	530	587	390	665	610	42	44	28	30	22	120.1	