

# Jinbo Marine

Marine & Offshore Equipment Datasheet

PRODUCT DATASHEET

## MARINE EXPANSION JOINT

# AS Type Marine Metal Bellow Expansion Joint

ISO9001 Supplier

Class Certificate

Export Supply

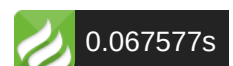
It is mainly applied to seawater, ballast, fire and oil, steam temperature is not greater than 200 degrees Celsius and the ship piping system, and as thermal expansion and contraction due to hull deformation displacem...



### Key Highlights

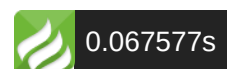
<b>Category</b>	Marine Expansion Joint
<b>Standard</b>	GB
<b>Weight / Size</b>	seawater, heavy oil Structure AS Type Marine Metal Bellow Expansion Join...
<b>Certificate</b>	ABS, LR, BV, DNVGL, NK, KR, IRS, RMRS, CCS

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



## Technical Specifications

<b>Category</b>	Marine Expansion Joint	<b>Model / SKU</b>	AS-Type-Marine-Metal-Bellow-Expansion-Joint
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Standard	GB	Weight / Size	seawater, heavy oil Structure AS 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 4 310 366 240 440
			395 ~ 24 16 22 12 35.3 350 377
			433 240 490 445 26 16 22 12 49.4
			400 426 482 250 540 495 28 18
			22 16 58.6 450 480 536 250 595
			550 30 18 22 16 71.4 500 530 584
			260 645 600 32 20 22 20 81.8 0.6
			50 6 60 88 160 140 110 16 16 10
			14 4 4.6 65 76 108 180 160 130
			16 16 10 14 4 5.7 80 90 122 190
			190 150 18 18 10 18 4 8.3 100 110
			142 190 210 170 18 18 12 18 4
			9.2 125 135 181 220 240 200 20
			20 12 18 8 13.1 150 160 206 220
			265 225 20 20 12 18 8 14.4 175
			189 235 220 295 255 22 20 12 18
			8 17.3 200 4 214 272 220 320 260
			22 22 14 18 8 22.9 250 260 316
			230 375 335 24 24 16 22 12 29.1
			300 310 366 240 440 395 24 24
			16 22 12 37.2 350 377 433 240
			490 445 26 26 16 22 12 51.8 400
			426 462 250 540 495 28 28 18 22
			16 61.3 450 480 536 250 595 550
			30 30 18 22 16 74.3 500 530 584
			260 645 600 30 32 20 22 20 85.1
			1.0 50 6 60 87 185 165 125 18 20
			14 18 4 8.0 65 76 110 200 185 145
			18 20 14 18 4 10.0 80 90 124 200
			200 160 20 20 14 18 8 10.8 100
			110 144 210 220 180 20 22 16 18
			8 13.3 125 135 177 235 250 210
			22 22 16 18 8 16.3 150 130 196
			250 285 240 22 24 18 22 8 21.2
			175 189 225 250 315 270 24 24
			18 22 8 25.2 200 222 269 305 340
			395 24 24 18 22 8 32.8 250 285
			316 305 395 350 26 26 20 22 12
			39.7 300 325 366 315 445 400 26
			28 20 22 12 47.3 350 377 434 315
			505 460 28 30 20 22 16 70.7 400
			426 484 335 565 515 32 32 22 26
			16 88.1 450 480 538 335 615 565
			35 35 22 26 20 101.7 500 530 588
			350 670 620 38 40 24 26 20 127.5
			1.6 50 60 87 185 165 125 18 20 0.067577s

		14 18 4 8.1 65 76 108 200 185 145 18 20 14 18 4 10.3 80 90 124 210 200 160 20 20 14 18 8 11.3 100 110 144 210 220 180 20 22 16 18 8 13.8 125 135 169 235 250 210 22 22 16 18 8 16.9 150 160 194 250 285 240 22 24 18 22 8 22.0 175 189 223 250 315 270 24 25 18 22 8 26.8 200 214 270 300 340 295 26 26 18 22 12 35.2 250 260 316 320 405 355 29 29 20 26 12 47.8 300 210 366 340 460 410 32 32 22 26 12 61.4 350 377 433 340 520 470 36 35 24 26 16 91.9 400 426 483 360 580 525 40 38 26 30 16 113.8 450 480 537 370 640 585 46 42 28 30 20 141.1 500 530 587 390 715 650 52 46 30 33 20 185.1	
<b>Certificate</b>	ABS, LR, BV, DNVGL, NK, KR, IRS, RMRS, CCS	<b>Warranty</b>	12 Months unless specified otherwise
<b>Origin</b>	China		

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

## China AS 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: GB2501-89

Applicable medium: seawater, heavy oil

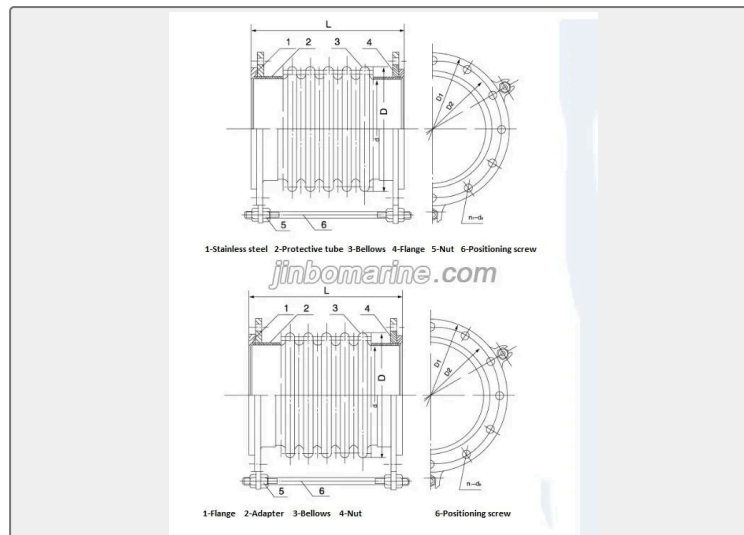
DN: 50-500mm, PN=0.6MPa, 1.0MPa, 1.6Mpa

Flange connection standard: GB2501-89

Applicable medium: seawater, heavy oil



## Structure



## AS 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	240	440	395	~	24	16	22	12	35.3
	350		377	433	240	490	445		26	16	22	12	49.4
	400		426	482	250	540	495		28	18	22	16	58.6
	450		480	536	250	595	550		30	18	22	16	71.4
	500		530	584	260	645	600		32	20	22	20	81.8

0.6	50	6	60	88	160	140	110	16	16	10	14	4	4.6
	65		76	108	180	160	130	16	16	10	14	4	5.7
	80		90	122	190	190	150	18	18	10	18	4	8.3
	100		110	142	190	210	170	18	18	12	18	4	9.2
	125		135	181	220	240	200	20	20	12	18	8	13.1
	150		160	206	220	265	225	20	20	12	18	8	14.4
	175		189	235	220	295	255	22	20	12	18	8	17.3
	200	4	214	272	220	320	260	22	22	14	18	8	22.9
	250		260	316	230	375	335	24	24	16	22	12	29.1
	300		310	366	240	440	395	24	24	16	22	12	37.2
	350		377	433	240	490	445	26	26	16	22	12	51.8
	400		426	462	250	540	495	28	28	18	22	16	61.3
	450		480	536	250	595	550	30	30	18	22	16	74.3
	500		530	584	260	645	600	30	32	20	22	20	85.1

1.0	50	6	60	87	185	165	125	18	20	14	18	4	8.0
	65		76	110	200	185	145	18	20	14	18	4	10.0
	80		90	124	200	200	160	20	20	14	18	8	10.8
	100		110	144	210	220	180	20	22	16	18	8	13.3
	125		135	177	235	250	210	22	22	16	18	8	16.3
	150		130	196	250	285	240	22	24	18	22	8	21.2
	175		189	225	250	315	270	24	24	18	22	8	25.2
	200		222	269	305	340	395	24	24	18	22	8	32.8
	250		285	316	305	395	350	26	26	20	22	12	39.7
	300		325	366	315	445	400	26	28	20	22	12	47.3
	350		377	434	315	505	460	28	30	20	22	16	70.7
	400		426	484	335	565	515	32	32	22	26	16	88.1
	450		480	538	335	615	565	35	35	22	26	20	101.7
	500		530	588	350	670	620	38	40	24	26	20	127.5
1.6	50	60	87	185	165	125	18	20	14	18	4	8.1	
	65	76	108	200	185	145	18	20	14	18	4	10.3	
	80	90	124	210	200	160	20	20	14	18	8	11.3	
	100	110	144	210	220	180	20	22	16	18	8	13.8	
	125	135	169	235	250	210	22	22	16	18	8	16.9	
	150	160	194	250	285	240	22	24	18	22	8	22.0	
	175	189	223	250	315	270	24	25	18	22	8	26.8	
	200	214	270	300	340	295	26	26	18	22	12	35.2	
	250	260	316	320	405	355	29	29	20	26	12	47.8	
	300	210	366	340	460	410	32	32	22	26	12	61.4	
	350	377	433	340	520	470	36	35	24	26	16	91.9	
	400	426	483	360	580	525	40	38	26	30	16	113.8	
	450	480	537	370	640	585	46	42	28	30	20	141.1	
	500	530	587	390	715	650	52	46	30	33	20	185.1	

