

Jinbo Marine

Marine & Offshore Equipment Datasheet

PRODUCT DATASHEET

MARINE EXPANSION JOINT

BS 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	oil, cold and hot water, steam Structure BS Type Marine Metal Bellow Exp...
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	BS-Type-Marine-Metal-Bellow-Expansion-Joint
-----------------	------------------------	--------------------	---



Standard	GB	Weight / Size	oil, cold and hot water, steam Structure BS 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 0.6 50 6 60 88 180 140 110 16 16 10 14 4 3.8 65 76 108 190 160 130 16 16 10 14 4 4.9 80 90 122 200 190 150 18 18 10 18 4 5.9 100 110 142 200 210 170 18 18 12 18 4 9.6 125 135 181 225 240 200 20 20 12 18 8 11.3 150 160 206 225 265 225 20 20 12 18 8 12.7 175 189 235 225 295 255 22 20 12 18 8 16.4 200 4 214 272 205 320 260 22 22 14 18 8 19.5 250 260 316 205 375 335 24 24 16 22 12 24.7 300 310 366 210 440 395 24 24 16 22 12 30.4 350 377 433 210 490 445 26 26 16 22 12 41.8 400 426 462 210 540 495 28 28 18 22 16 49.0 450 480 536 220 595 550 30 30 18 22 16 60.1 500 530 584 220 645 600 30 32 20 22 20 63.2 1.0 50 6 60 87 180 165 125 18 20 14 18 4 6.4 65 76 110 200 185 145 18 20 14 18 4 8.0 80 90 124 200 200 160 20 20 14 18 8 8.8 100 110 144 200 220 180 20 22 16 18 8 10.8 125 135 177 225 250 210 22 22 16 18 8 13.2 150 130 196 225 285 240 22 24 18 22 8 16.8 175 189 225 230 315 270 24 24 18 22 8 20.0 200 222 269 260 340 395 24 24 18 22 8 26.8 250 285 316 260 395 350 26 26 20 22 12 31.7 300 325 366 260 445 400 26 28 20 22 12 35.9 350 377 434 270 505 460 28 30 20 22 16 51.9 400 426 484 280 565 515 32 32 22 26 16 68.9 450 480 538 290 615 565 35 35 22 26 20 80.7 500 530 588 300 670 620 38 40 24 26 20 97.7 1.6 50 60 87 180 165 125 18 20 14 18 4 6.6 65 76 108 200 185 145 18 20 14 18 4 8.3 80 90 124 200 200 160 20 20 14 18 8 9.2 100 110 144 200 220 180 20 22 16 18 8 11.3 125 135 169 225 250 210 22 22 16 18 8 13.7 150 160 194 225 225 225 225 0.058070s
----------	----	---------------	---

			24 18 22 8 17.6 175 189 223 230 315 270 24 25 18 22 8 20.8 200 214 270 265 340 295 26 26 18 22 12 29.0 250 260 316 270 405 355 29 29 20 26 12 39.3 300 210 366 280 460 410 32 32 22 26 12 50.3 350 377 433 290 520 470 36 35 24 26 16 74.9 400 426 483 310 580 525 40 38 26 30 16 94.7 450 480 537 310 640 585 46 42 28 30 20 122.1 500 530 587 330 715 650 52 46 30 33 20 167.9
Certificate	ABS, LR, BV, DNVGL, NK, KR, IRS, RMRS, CCS	Warranty	12 Months unless specified otherwise
Origin	China		

CONTENTS	■ China BS Type Marine Metal Bellow Expansion Joint:	■ Basic Parameters
	■ Structure	■ BS Type Marine Metal Bellow Expansion Joint Main Specifications

China BS 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.

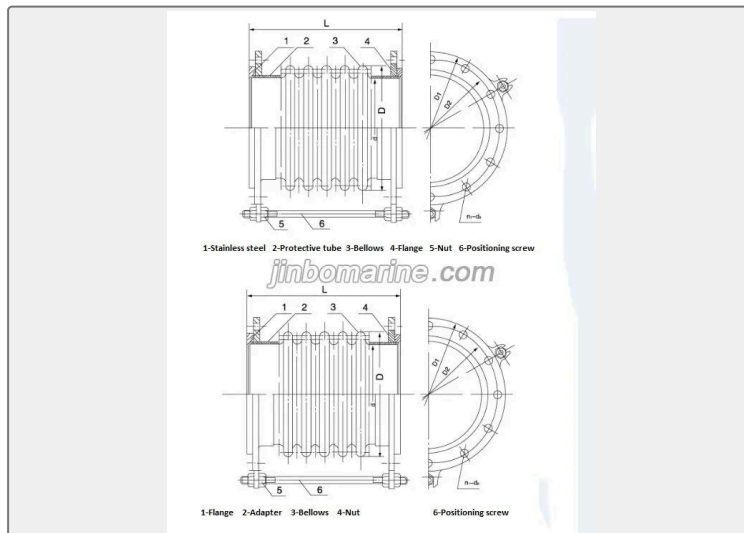
Basic Parameters

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

Flange connection standard: GB2501-89

Applicable medium: oil, cold and hot water, steam

Structure



BS 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							
0.6	50	6	60	88	180	140	110	16	16	10	14	4	3.8
	65		76	108	190	160	130	16	16	10	14	4	4.9
	80		90	122	200	190	150	18	18	10	18	4	5.9
	100		110	142	200	210	170	18	18	12	18	4	9.6
	125		135	181	225	240	200	20	20	12	18	8	11.3
	150		160	206	225	265	225	20	20	12	18	8	12.7
	175		189	235	225	295	255	22	20	12	18	8	16.4
	200	4	214	272	205	320	260	22	22	14	18	8	19.5
	250		260	316	205	375	335	24	24	16	22	12	24.7
	300		310	366	210	440	395	24	24	16	22	12	30.4
	350		377	433	210	490	445	26	26	16	22	12	41.8
	400		426	462	210	540	495	28	28	18	22	16	49.0
	450		480	536	220	595	550	30	30	18	22	16	60.1
	500		530	584	220	645	600	30	32	20	22	20	63.2

1.0	50	6	60	87	180	165	125	18	20	14	18	4	6.4
	65		76	110	200	185	145	18	20	14	18	4	8.0
	80		90	124	200	200	160	20	20	14	18	8	8.8
	100		110	144	200	220	180	20	22	16	18	8	10.8
	125		135	177	225	250	210	22	22	16	18	8	13.2
	150		130	196	225	285	240	22	24	18	22	8	16.8
	175		189	225	230	315	270	24	24	18	22	8	20.0
	200		222	269	260	340	395	24	24	18	22	8	26.8
	250		285	316	260	395	350	26	26	20	22	12	31.7
	300		325	366	260	445	400	26	28	20	22	12	35.9
	350		377	434	270	505	460	28	30	20	22	16	51.9
	400		426	484	280	565	515	32	32	22	26	16	68.9
	450		480	538	290	615	565	35	35	22	26	20	80.7
	500		530	588	300	670	620	38	40	24	26	20	97.7
1.6	50	60	87	180	165	125	18	20	14	18	4	6.6	
	65	76	108	200	185	145	18	20	14	18	4	8.3	
	80	90	124	200	200	160	20	20	14	18	8	9.2	
	100	110	144	200	220	180	20	22	16	18	8	11.3	
	125	135	169	225	250	210	22	22	16	18	8	13.7	
	150	160	194	225	285	240	22	24	18	22	8	17.6	
	175	189	223	230	315	270	24	25	18	22	8	20.8	
	200	214	270	265	340	295	26	26	18	22	12	29.0	
	250	260	316	270	405	355	29	29	20	26	12	39.3	
	300	210	366	280	460	410	32	32	22	26	12	50.3	
	350	377	433	290	520	470	36	35	24	26	16	74.9	
	400	426	483	310	580	525	40	38	26	30	16	94.7	
	450	480	537	310	640	585	46	42	28	30	20	122.1	
	500	530	587	330	715	650	52	46	30	33	20	167.9	

