

YBJ-1S, 1W Bellows Type Expansion Pipe Joint

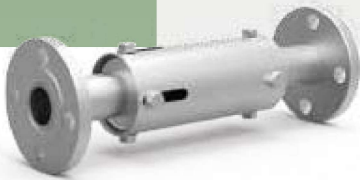
Mark inscription allowed product/ Korea register of shipping model approval

The KS B 1536 bellows type expansion pipe joint is mainly used for cooling, heating, air-conditioning, and sanitary pipelines. It is an expansion pipe joint that absorbs the axial-direction expansion and contraction of a pipeline that occurs according to temperature changes.

Features

- Standards of the Korean Industrial Standard (KS B 1536), the Association of the United States Army, and the Korean Register of Shipping (KR).
- Offer strong & outstanding level of corrosion resistance & durability : Parts material come into contact with fluid are made of stainless steel and have been molded.
- Outer tube has been used to prevent damage to bellows from outside impact.
- Inner tube adoption ensures little pressure loss of fluid smooth flow & long life span.

07



YBJ-1S Type



YBJ-1W Type

Specifications

Type	YBJ-1S	YBJ-1W
Structure	Single type	Double type
Applicable fluid	Colc/hot water, Air, Gas, Oil	
Applicable pressure	Maximum 1.0MPa	
Fluid temperature	220°C below	
Expansion/contraction length	35mm	70mm
End connection	KS 10K RF FLANGE	
Materials	BELLOWS, Inner tube	STS
	Outer tube	SPP
	FLANGE	SS400
Hydraulic test pressure	1.5MPa	

▶ Do not couple this product with a copper pipeline.

▶ Those used for ANSI #125, #150, and steel flanges are available by made-to-orders.

▶ Over 250A is KS 10K FF FLANGE.

▶ 300A or larger are available by made-to-orders.

▶ The fixing bolt should be loosened after the hydro-pressure test.

▶ Custom made for steam.

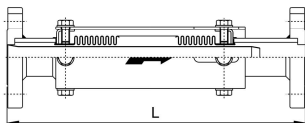
Dimensions

YBJ-1S Type

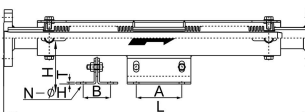
(mm)

Size	L	Expansion/contraction length		Weight(kg)
		Expansion length	Contraction length	
25(1")	365	10	25	6.4
32(1¼")	365	10	25	6.9
40(1½")	365	10	25	8.3
50(2")	365	10	25	10.9
65(2½")	415	10	25	13.4
80(3")	415	10	25	15.5
100(4")	415	10	25	21.2
125(5")	440	10	25	30.4
150(6")	440	10	25	41.4
200(8")	440	10	25	52.3
250(10")	465	10	25	60.2
300(12")	465	10	25	68.1

Dimensions drawing



YBJ-1S Type



YBJ-1W Type

YBJ-1W Type

(mm)

Size	L	Expansion/contraction length		H	A	B	T	N	Weight(kg)
		Expansion length	Contraction length						
25(1")	680	20	50	100	100	60	4	4-Ø12	11
32(1¼")	680	20	50	120	100	70	4	4-Ø12	13
40(1½")	680	20	50	120	100	70	4	4-Ø12	15
50(2")	680	20	50	130	100	80	5	4-Ø15	19
65(2½")	780	20	50	140	120	100	5	4-Ø15	21
80(3")	780	20	50	150	120	110	5	4-Ø15	29.5
100(4")	880	20	50	170	120	130	6	4-Ø19	43
125(5")	880	20	50	200	120	150	8	4-Ø19	62.5
150(6")	930	20	50	220	160	180	10	4-Ø23	70
200(8")	930	20	50	250	160	220	14	4-Ø25	135
250(10")	980	20	50	290	180	280	14	4-Ø27	166
300(12")	980	20	50	350	200	300	18	4-Ø27	190