

Type YBJ-3S, 3W Bellows Type Expansion Pipe Joint (for Copper Pipe)

Ⓜ Mark inscription allowed product/ Korea register of ahipping model approval

This is an expansion pipe joint used for cold water, hot water, or other copper pipelines.

■ Features

- Absorb the expansion & contraction of pipelines by temperature changes.
- Stainless steel ensuring high level of corrosion resistance leads little fluid pressure loss : Inner tube materials which come into contact with fluid are made of stainless steel.
- Outer tube has been used to prevent damage to bellows from impact.
- Internal pressure type product prevents noise.

■ Specifications

Type		YBJ-3S	YBJ-3W
Structure		Single type	Double type
Applicable fluid		Cold/hot water, Oil, Air	
Applicable pressure		Maximum 10kgf/cm ² g	
Fluid temperature		220° C below	
Expansion/contraction length		35mm	70mm
End connection		KS D 5578 Dimensions-based socket-welded type	
Materials	Bellows, Inner tube	STS	
	Outer tube	SGP	
	Socket	CuT	
Hydraulic test pressure		15kgf/cm ² g	

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

■ Dimensions

➤ Type YBJ-3S

(mm)

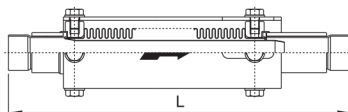
Size	L	Expansion/contraction length		Weight(kg)
		Expansion length	Contraction length	
25(1")	365	10	25	04.1
32(1¼")	365	10	25	04.1
40(1½")	365	10	25	05.2
50(2")	365	10	25	07.1
65(2½")	415	10	25	08.2
80(3")	415	10	25	10.3
100(4")	415	10	25	15.7

➤ Type YBJ-3W

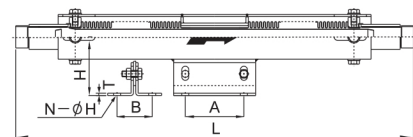
(mm)

Size	L	Expansion/contraction length		H	A	B	T	N-∅ H	Weight(kg)
		Expansion length	Contraction length						
25(1")	680	20	50	100	100	060	2.5	4-12	08.7
32(1¼")	680	20	50	120	100	070	2.5	4-12	10.0
40(1½")	680	20	50	106	100	070	2.5	4-12	11.9
50(2")	680	20	50	130	100	080	2.5	4-15	15.2
65(2½")	780	20	50	140	120	100	3.0	4-15	15.8
80(3")	780	20	50	150	120	110	3.0	4-15	24.3
100(4")	880	20	50	170	120	130	4.0	4-19	37.5

■ Dimensional drawing



Type YBJ-3S



Type YBJ-3W