

# JBF

STAINLESS STEEL EXPANSION JOINT

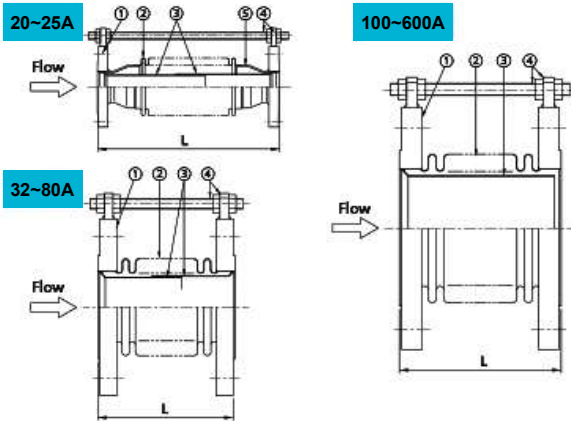


## FEATURE

Application ; Water

Design Working Temperature ; 100 Deg. C

## STRUCTURE



No.	Parts	Materials
1	Flange	SS400 , SUS304
2	Bellows	SUS304 , SUS316L
3	Sleeve	SUS304 , SUS316L
4	Shipping Rod	SS400 , SUS304
5	Reducer	SS400 , SUS304

## DIMENSION AND ALLOWABLE MOVEMENT

Design Working Pressure ; 1.6 Mpa.

Size (A)	OAL (mm)	Axial Movement (+ or -)	Axial Spring (N/mm)	Eff.Cross Section Area (cm <sup>2</sup> )
20	220	15	89	24
25	220	15	89	24
32	120	15	89	24
40	150	15	89	24
50	150	15	96	36
65	150	20	116	51
80	150	20	119	76
100	200	20	137	126
125	200	20	169	190
150	200	20	168	257
200	250	20	281	441
250	250	20	346	661
300	250	20	600	938
350	250	20	565	1125
400	300	20	523	1459
450	300	20	582	1817
500	300	20	643	2223
600	300	20	764	3147

## DIMENSION AND ALLOWABLE MOVEMENT

Design Working Pressure ; 2.5 Mpa

Size (A)	OAL (mm)	Axial Movement (+ or -)	Axial Spring (N/mm)	Eff.Cross Section Area (cm <sup>2</sup> )
20	220	15	118	23
25	220	15	118	23
32	120	15	118	23
40	150	15	118	23
50	150	15	129	35
65	200	20	212	51
80	200	20	183	72
100	200	20	202	122
125	200	20	222	183
150	200	20	303	260
200	250	20	386	430
250	250	20	648	663
300	250	20	925	932
350	250	20	1007	1113
400	300	20	875	1437
450	300	20	975	1808
500	300	20	1075	2212
600	300	20	1466	3217