



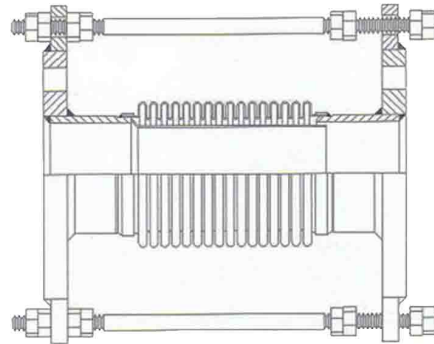
UNIMECH GROUP, MALAYSIA



A MEMBER OF UNIMECH GROUP, MALAYSIA

## BELLOW TYPE EXPANSION JOINT FLANGED END JF-400 SERIES

Model : JF-400SG



### Technical Data

#### Features :

Designed to absorb axial movement of pipeline in high working pressure and high working temperature.

Flanged End Available : JIS 20K, ANSI 300, PN40

#### Material

No	PART	MATERIAL
1	BELLOWS	SUS304
2	INTERNAL SLEEVE	SUS304
3	FLANGE	SS400 (mild steel G.I.)
4	TIE RODS	SS400 (mild steel G.I.)

#### Specification

Nominal Bore		Total Length		Bellows			Axial Movement	Working Pressure		Axial Spring Rate	Effective Area	
mm	inch	mm	inch	O.D.	Ply	bar		psi	cm <sup>2</sup>		inch <sup>2</sup>	
32	1.1/4	350	13.78	48.5	1.91	2	+10 - 40	25	363	19.01	13.8	2.1
40	1.1/2	350	13.78	58.5	2.30	2	+10 - 40	25	363	28.91	20.2	3.1
50	2	350	13.78	74.0	2.91	2	+10 - 40	25	363	44.10	32.1	5.0
65	2.1/2	350	13.78	91.0	3.58	2	+10 - 40	25	363	89.57	49.1	7.6
80	3	350	13.78	105.0	4.13	2	+10 - 40	25	363	81.34	67.4	10.4
100	4	350	13.78	132.0	5.20	2	+10 - 40	25	363	145.73	108.9	16.9
125	5	350	13.78	163.0	6.42	2	+10 - 40	25	363	160.72	167.1	25.9
150	6	350	13.78	194.0	7.64	2	+10 - 40	25	363	192.37	239.2	37.1
200	8	350	13.78	252.0	9.92	2	+10 - 40	25	363	263.52	420.9	65.2
250	10	350	13.78	313.0	12.40	2	+10 - 40	25	363	427.97	664.6	103.0
300	12	350	13.78	366.0	14.41	2	+10 - 40	25	363	498.62	925.4	143.4

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