



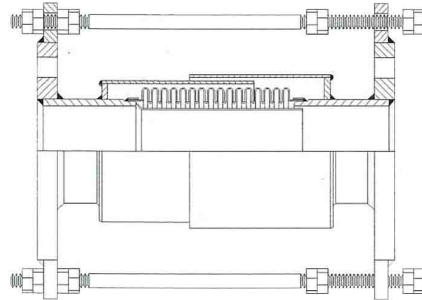
UNIMECH GROUP, MALAYSIA



A MEMBER OF UNIMECH GROUP, MALAYSIA

BELLOW TYPE EXPANSION JOINT FLANGED END JF-1000 SERIES (with external cover)

Model : JF-1000



Technical Data

Features :

Designed to accommodate axial movement of pipeline in medium working pressure and medium working temperature.

Flanged End Available : JIS 10K

Material

No	PART	MATERIAL
1	BELLOWS	SUS304
2	INTERNAL SLEEVE	SUS304
3	EXTERNAL COVER	SS400 (Mild Steel G.I.)
4	FLANGE	SS400 (Mild Steel G.I.)
5	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.	CORR.	Ply	bar		psi	cm ²		inch ²	
40	1.1/2	400	15.75	58.5	2.30	32	1	+10 - 30	10	145	22.44	20.2	3.1
50	2	400	15.75	74.0	2.91	24	1	+10 - 35	10	145	18.42	32.8	5.1
65	2.1/2	400	15.75	91.0	3.58	20	1	+10 - 35	10	145	45.37	49.6	7.7
80	3	400	15.75	105.0	4.13	20	1	+10 - 40	10	145	45.08	67.8	10.5
100	4	400	15.75	132.0	5.20	16	1	+10 - 40	10	145	47.82	108.0	16.7
125	5	400	15.75	163.0	6.42	15	1	+10 - 40	10	145	84.87	166.5	25.8
150	6	400	15.75	194.0	7.64	14	1	+10 - 40	10	145	78.99	232.4	36.0
200	8	400	15.75	252.0	9.92	13	1	+10 - 40	10	145	136.42	394.1	61.1

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