



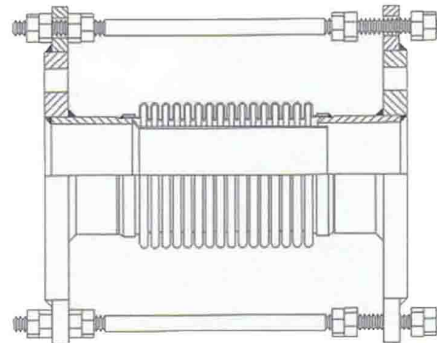
UNIMECH GROUP, MALAYSIA



A MEMBER OF UNIMECH GROUP, MALAYSIA

BELLOW TYPE EXPANSION JOINT FLANGED END JF-250 SERIES

Model : JF-250SG



Technical Data

Features :

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

Flanged End Available : JIS 5K

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.	length	Ply	bar		psi	N/mm		cm ²	inch ²
25	1	250	9.84	38.0	1.50	125	1	+10 - 25	10	145.2	31.26	8.4	1.3
32	1.1/4	350	13.78	48.0	1.91	180	1	+10 - 40	10	145.2	17.93	13.2	2.0
40	1.1/2	350	13.78	58.0	2.30	180	1	+10 - 40	10	145.2	22.44	20.2	3.1
50	2	350	13.78	75.0	2.99	180	1	+10 - 40	10	145.2	18.42	32.8	5.1
65	2.1/2	350	13.78	90.0	3.58	180	1	+10 - 40	10	145.2	45.37	49.6	7.7
80	3	350	13.78	104.0	4.13	180	1	+10 - 40	10	145.2	45.08	67.8	10.5
100	4	350	13.78	130.0	5.20	180	1	+10 - 40	10	145.2	47.82	108.0	16.7
125	5	350	13.78	160.0	6.42	180	1	+10 - 40	10	145.2	84.87	166.5	25.8
150	6	350	13.78	194.0	7.64	180	1	+10 - 40	10	145.2	78.99	232.4	36.0
200	8	350	13.78	252.0	9.92	180	1	+10 - 40	10	145.2	136.42	394.1	61.1
250	10	350	13.78	313.0	12.40	180	1	+10 - 40	10	145.2	179.63	589.7	91.4
300	12	350	13.78	360.0	14.29	180	1	+10 - 40	10	145.2	183.95	829.6	128.6

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