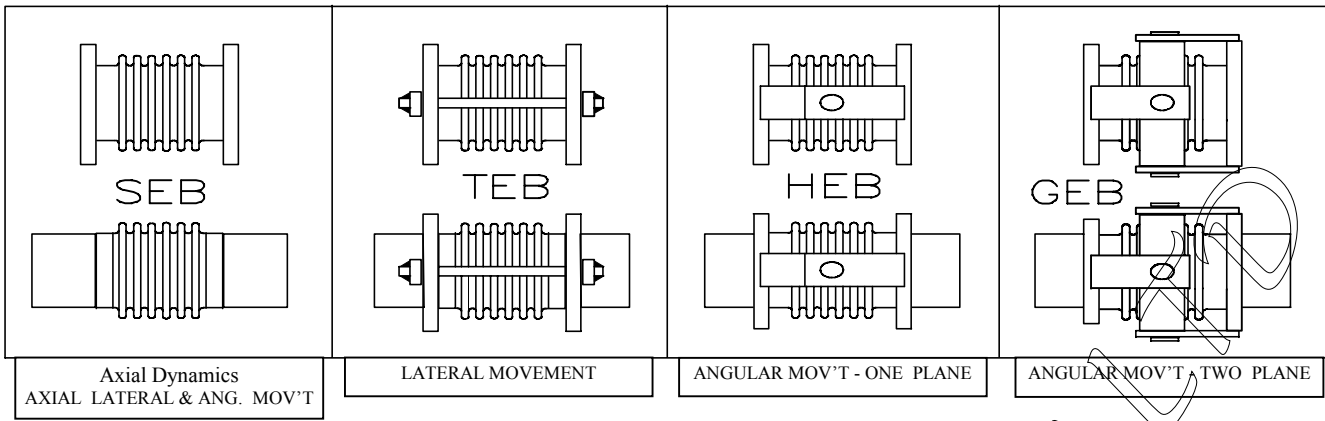


300 KPa

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DIA	Axial Dynamics Length Flanged	Length Welded Ends	Axial mm	Lateral mm	Angular Deg.	Axial Spring Rate N/mm	Lateral Spring Rate N/mm	Angular Spring Rate NM/Deg	Pressure Thrust KN	Torsional Rotation Deg.
50	150	240	30	12	10	20	12	0.4	1.5	0.13
65	180	240	32	12	10	20	24	0.4	2	0.12
80	180	240	34	12	10	21	31	0.5	2.5	0.10
90	190	240	36	12	10	23	36	0.5	3	0.099
100	190	340	36	12	10	42	48	0.9	4	0.094
125	220	340	45	12	10	47	62	1.6	6	0.098
150	220	340	48	11	10	48	92	2.2	9	0.087
200	230	340	50	10	9	50	132	2.8	15	0.081
250	250	340	54	10	9	53	162	3.9	22	0.068
300	280	400	64	9	9	68	190	7	31	0.061
350	280	400	70	9	8	75	198	13	36	0.051
400	280	450	70	8	8	88	265	28	46	0.046
450	300	450	70	6	8	98	433	35	56	0.040
500	300	450	72	5	7	110	690	48	70	0.036
550	300	450	72	4	7	127	991	59	85	0.033
600	300	450	72	4	7	133	68	56	99	0.029

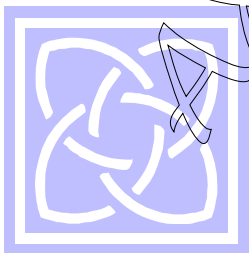
EXAMPLE

PART NUMBER → 250 SEB - FF - 300 - L

250 NB SINGLE EXPANSION BELLOWS FLANGE / FLANGE 300 KPa LINER

- LINER -** L is added to the part number.
- COVER -** C is added to the part number.
- VANSTONE -** V is added to the part number
- SPECIAL -** X is added to the part number

1. Data shown above is a guide and will vary depending on the actual working conditions. Contact us to optimise design.
2. Maximum test pressure is 1 ½ times the working pressure.
3. Standard flanges, pipe and hardware are in carbon steel .
4. Standard Axial Dynamics Bellows in 304,316 and 321 SS.
5. Inconel, Incoloy and other alloys available on request.
6. Axial Dynamics SEB, UEB, XB & DXB assemblies generate the pressure thrust noted in the table above.
7. Correct anchoring and guiding must always be used.
8. Pressures to 7000 KPa, larger diameters and temps to 1100°C available. These are Axial Dynamics special design assy's.
9. Multi-ply, Toroidal , Pressure Balanced and Rectangular Axial Dynamics bellows are also available.



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