

TYPE RFA
DESIGNED TO ACCOMMODATE AXIAL MOVEMENT

AXIAL MOVEMENT



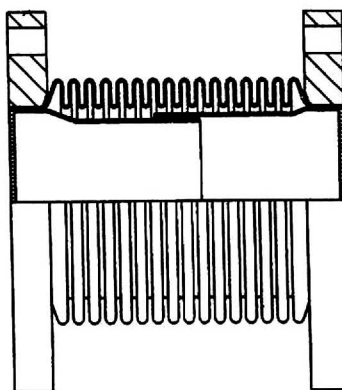
CONSTRUCTION

Type RFA - *Stainless steel bellows with telescopic stainless steel inner sleeves and mild steel flanges to specification.*

Material specification - see page 18.

Size Range: *Size range 50mm (2") to 600mm (24").*

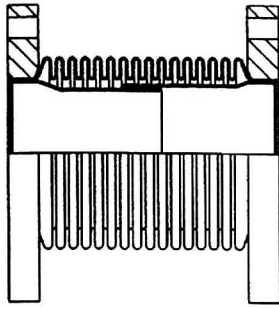
Larger sizes are available against enquiry.



Nominal Bore		Max. Working Pressure		Axial Movement		Axial Spring Rate	Force to Compress		Effective Area		Max. Extended Length	
mm	ins	bar	psi	mm	ins	N/mm	kg	lb	cm ²	in ²	mm	ins
				25	1	35.13					136.20	5.36
50	2	25	363	50	2	16.80	100	220	30.41	4.714	236.00	9.29
				25	1	89.57					131.20	5.17
65	2½	25	363	50	2	42.43	261	575	43.80	6.789	223.70	8.80
				25	1	70.17					142.60	5.61
80	3	25	363	50	2	33.24	205	450	62.78	9.731	242.80	9.56
				25	1	100.03					135.40	5.33
100	4	25	363	50	2	46.68	303	670	107.70	16.69	228.40	8.99
				25	1	238.16					137.30	5.40
125	5	25	363	50	2	119.08	616	1360	162.91	25.25	219.00	8.62
				25	1	426.26					131.20	5.17
150	6	25	363	50	2	213.13	1104	2435	227.50	35.36	205.40	8.09
				25	1	402.72					152.80	6.02
200	8	16	232	50	2	219.67	1139	2510	385.30	59.72	231.00	9.09
				25	1	604.09					157.60	6.20
200	8	25	363	50	2	329.50	1878	4140	385.30	59.72	225.00	8.86

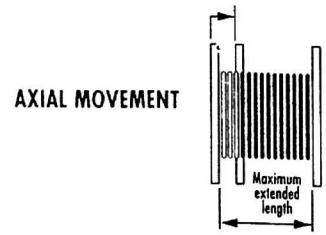
Design and Dimensional Alterations May Be Made Without Notice

TYPE RFA



Size Range: 250mm (10") to 600mm (24").

Larger sizes are available against enquiry.



Nominal Bore		Max. Working Pressure		Outside Diameter		Axial Movement		Axial Spring Rate	Approx. Force to Compress		Effective Area		Maximum Extended Length	
mm	ins	bar	psi	mm	ins	mm	ins	N/mm	kg	lb	cm ²	in ²	mm	ins
250	10	6	87	312.3	12.30	50	2	96.28	441	972	670.1	103.9	187	7.37
250	10	10	145	313.4	12.34	50	2	192.57	882	1944	670.1	103.9	200	7.85
250	10	16	232	314.5	12.38	50	2	288.85	1323	2917	670.1	103.9	212	8.35
250	10	25	363	315.6	12.43	50	2	385.13	1764	3889	670.1	103.9	225	8.85
300	12	6	87	363.1	14.30	50	2	102.26	517	1140	923.5	143.2	187	7.37
300	12	10	145	364.2	14.34	50	2	240.53	1034	2280	923.5	143.2	200	7.85
300	12	16	232	365.3	14.38	50	2	360.79	1551	3419	923.5	143.2	212	8.35
300	12	25	363	366.4	14.43	50	2	481.06	2068	4559	923.5	143.2	225	8.85
350	14	6	87	349.8	15.54	50	2	121.96	565	1246	1102.4	170.9	187	7.37
350	14	10	145	359.9	15.59	50	2	243.92	1130	2491	1102.4	170.9	200	7.85
350	14	16	232	397.0	15.63	50	2	365.88	1695	3737	1102.4	170.9	212	8.35
350	14	25	363	398.1	15.67	50	2	487.83	2260	4982	1102.4	170.9	225	8.85
400	16"	6	87	458.6	18.06	50	2	168.02	698	1539	1464.4	227.0	200	7.85
400	16"	10	145	460.0	18.11	50	2	336.04	1396	3078	1464.4	227.0	212	8.35
400	16	16	232	461.4	18.17	50	2	504.06	2095	4619	1464.4	227.0	225	8.85
400	16	25	363	462.8	18.22	50	2	672.08	2793	6157	1464.4	227.0	237	9.34
450	18	6	87	509.4	20.06	50	2	179.13	780	1720	1829.2	283.6	200	7.85
450	18	10	145	510.8	20.11	50	2	358.27	1560	3439	1829.2	283.6	212	8.35
450	18	16	232	512.2	20.17	50	2	537.40	2341	5161	1829.2	283.6	225	8.85
450	18	25	363	513.6	20.22	50	2	716.54	3121	6881	1829.2	283.6	237	9.34
500	20	6	87	560.2	22.06	50	2	179.46	862	1900	2234.6	346.4	200	7.85
500	20	10	145	561.6	22.11	50	2	358.92	1725	3803	2234.6	346.4	212	8.35
500	20	16	232	563.0	22.17	50	2	538.38	2588	5706	2234.6	346.4	225	8.85
500	20	25	363	564.4	22.22	50	2	717.84	3450	7606	2234.6	346.4	237	9.34
600	24	6	87	661.8	26.06	50	2	290.17	1027	2264	3166.9	490.9	200	7.85
600	24	10	145	663.2	26.11	50	2	580.33	2054	4528	3166.9	490.9	212	8.35
600	24	16	232	664.6	26.17	50	2	870.50	3081	6792	3166.9	490.9	225	8.85
600	24	25	363	666.0	26.22	50	2	1160.67	4108	9056	3166.9	490.9	237	9.34

Installation: Please consult Senior Flexonics Technical Department when using flanges other than ANSI, B16.5, AS2129, BS10, BS1560 as maximum extended length may change.

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