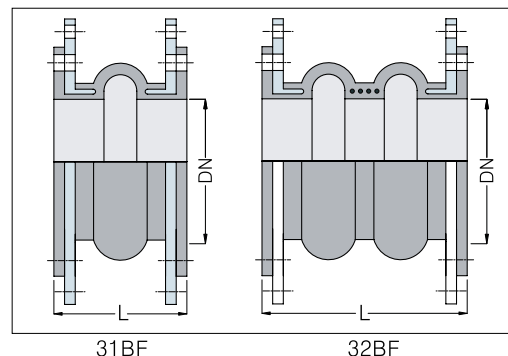
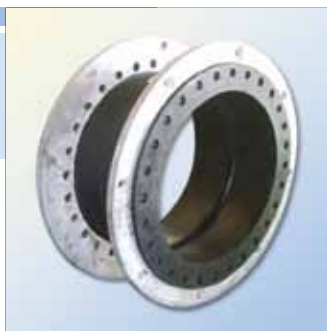


Type 31BF / 32BF Built-in Flange Design



Features

- Built-in steel flanges serve as pressure/vacuum bearing reinforcement layer, thus suitable for high pressurized pipes and vacuum service.
- Full faced rubber flange bonded to steel flanges provides tight seal
- L-shaped steel flanges are anchored in the joint body so that axial loads can be accommodated.
- Less deformation under pressure provides reduced stress on related piping system components.
- Choice of construction materials suitable for wide range of service temperatures
- Excellent chemical and abrasion resistance
- No retaining ring or control rod plate required—Easy handling and simple installation

Movement and Pressure Rating

Nominal Size		Min. Length				Movement Capability				Max. Pressure (bar)	Vacuum Rating (mmHg)
		31BF		32BF		Comp. (mm)	Ext. (mm)	Lat. (mm)	Ang. (deg.)		
DN	inch	mm	inch	mm	inch						
100	4	200	8	300	12	30	15	15	16.5	15	760
150	6	200	8	300	12	30	15	15	11.1	15	760
200	8	200	8	300	12	30	15	15	8.4	15	760
250	10	200	8	300	12	30	15	15	6.7	15	760
300	12	200	8	300	12	30	15	15	5.6	15	760
350	14	200	8	300	12	30	15	15	4.8	10	760
400	16	250	10	350	14	30	15	15	4.2	10	760
450	18	250	10	350	14	30	15	15	3.8	10	760
500	20	250	10	350	14	30	15	15	3.4	10	760
600	24	300	12	450	18	40	20	18	3.8	10	760
700	28	300	12	450	18	40	20	18	3.2	10	760
750	30	300	12	450	18	40	20	18	3.0	10	760
800	32	300	12	450	18	40	20	18	2.8	10	760
900	36	300	12	450	18	40	20	18	2.5	10	760
1000	40	300	12	450	18	40	20	18	2.3	10	760
1050	42	350	14	500	20	40	20	18	2.1	10	760
1100	44	350	14	500	20	40	20	18	2.0	10	760
1150	46	350	14	500	20	40	20	18	2.0	10	760
1200	48	350	14	500	20	40	20	18	1.9	10	760

1. Movements listed above are based on the Type 31BF, single open arch design. To obtain movements of Type 32BF, multiply single arch values by 2.
 2. Larger sizes not shown are available upon request.