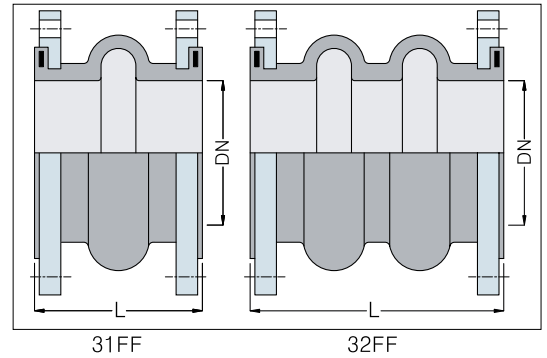
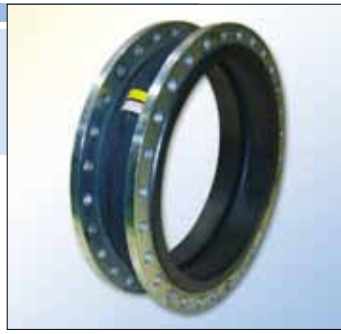


Type 31FF / 32FF Floating Flange Design



Features

- **Greater strength** : Unique arrangement of spring steel wire and combined construction of bias/radial tire cord increases pressure/vacuum capability
- **Superior reliability and durability** : With quality materials and optimum selection of construction and professional workmanship allow Kurbo 30FF to guarantee longer service life.
- **Wide variety of elastomers** : As a standard elastomers, natural rubber, neoprene, nitrile, butyl, EPDM, CSM elastomers are available. As a special, food grade white rubber, flame resistance rubber, Viton and Teflon available.
- **Wide spectrum of fabric and metal reinforcements** : Standard fabric is high tensile polyester tire cord. Other materials like nylon, Kevlar, Nomex available. Different grade of corrosion resistant steel wire and annular ring are used in carcass for pressure/vacuum bearing reinforcement layers.
- **Steel Flange** : The flanges rotate freely on the rubber bellows compensating for mating flange misalignment—Simple and quick installation
- No retaining ring or control rod plate(gusset plate) required—Easy handling and quick installation

Movement and Pressure Rating

Nominal Size		Min. Length				Movement Capability				Max. Pressure (bar)	Vacuum Rating (mmHg)
		31FF		32FF		Comp.	Ext.	Lat.	Ang.		
DN	inch	mm	inch	mm	inch	(mm)	(mm)	(mm)	(deg.)		
100	4	150	6	300	12	35	17	16	18.5	10	660
150	6	200	8	300	12	40	20	18	14.7	10	660
200	8	200	8	300	12	40	20	18	11.1	10	660
250	10	200	8	300	12	40	20	18	8.9	10	660
300	12	200	8	300	12	40	20	20	7.5	10	660
350	14	200	8	350	14	40	20	20	6.4	10	660
400	16	200	8	350	14	40	20	20	5.6	10	660
450	18	200	8	350	14	40	20	20	5.0	10	660
500	20	250	10	350	14	40	20	20	4.5	10	660
600	24	250	10	400	16	50	25	23	4.7	7	660
700	28	250	10	400	16	50	25	23	4.0	7	660
750	30	250	10	400	16	50	25	23	3.8	7	660
800	32	300	12	400	16	50	25	23	3.5	7	660
900	36	300	12	400	16	50	25	23	3.1	7	660
1000	40	300	12	400	16	50	25	23	2.8	5	660
1050	42	300	12	450	18	60	30	25	3.2	5	660
1100	44	300	12	450	18	60	30	25	3.1	5	660
1150	46	300	12	450	18	60	30	25	2.9	5	660
1200	48	300	12	450	18	60	30	25	2.8	5	660

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