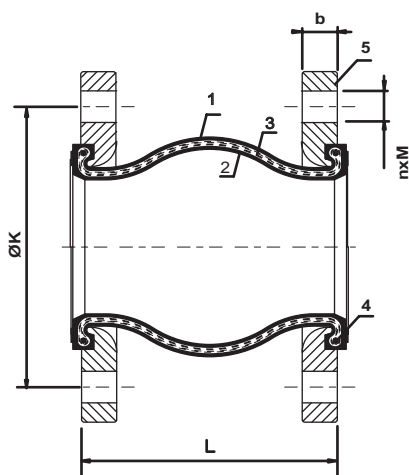


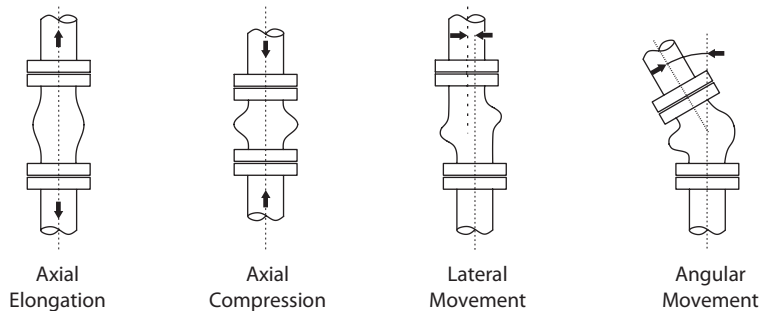
K100 Rubber Expansion Joints

Rubber expansion joints are used in pipelines to,

- Absorb mechanical vibrations caused by machines and pumps
- Reduce sound transmission caused by pumping fluids in pipe lines.
- Reduce stress compensating for axial, lateral and angular movements caused by contraction and expansion of pipe lengths due to thermal changes



Movements,



Material List

No	Part Name	Material
1	Inner Lining	EPDM or NBR
2	Outer Lining	GGG40, AISI304, AISI316, Bronze
3	Middle Lining	Nylon Cord Fabric
4	Wire	Hardened Steel
5	Flange	St37 or Stainless Steel

Dimensions (mm)

Size (DN)	Pressure Class	L (mm)	K (mm)	b (mm)	n (Qty)	Bolt Diameter (mm)	Max Allowable Movement			
							Axial Elongation (mm)	Axial Compression (mm)	Lateral Movement (mm)	Angular Movement
32	PN10/16	95	100	16	4	16	6	9	9	15°
40	PN10/16	95	110	18	4	16	6	10	9	15°
50	PN10/16	105	125	18	4	16	7	10	10	15°
65	PN10/16	115	145	20	8	16	7	13	11	15°
80	PN10/16	135	160	20	8	16	8	15	12	15°
100	PN10/16	150	180	22	8	16	10	19	13	15°
125	PN10/16	165	210	24	8	16	12	19	13	15°
150	PN10/16	180	240	24	8	20	12	20	14	15°
200	PN10/16	210	295	24	8	20	16	25	22	15°
250	PN10	230	350	28	12	20	16	25	22	15°
	PN16		355	28	12	24				
300	PN10	245	400	28	12	20	16	25	22	15°
	PN16		410	30	12	24				
350	PN10	255	460	28	12	20	16	25	22	15°
	PN16			32	12	24				
400	PN10	255	515	30	12	24	16	25	22	15°
	PN16			34	12	27				
450	PN10	255	565	30	16	24	16	25	22	15°
	PN16			32	16	27				
500	PN10	255	620	32	16	24	16	25	22	15°
	PN16			36	16	30				
600	PN10	255	725	36	16	27	16	25	22	15°
	PN16			44	16	33				