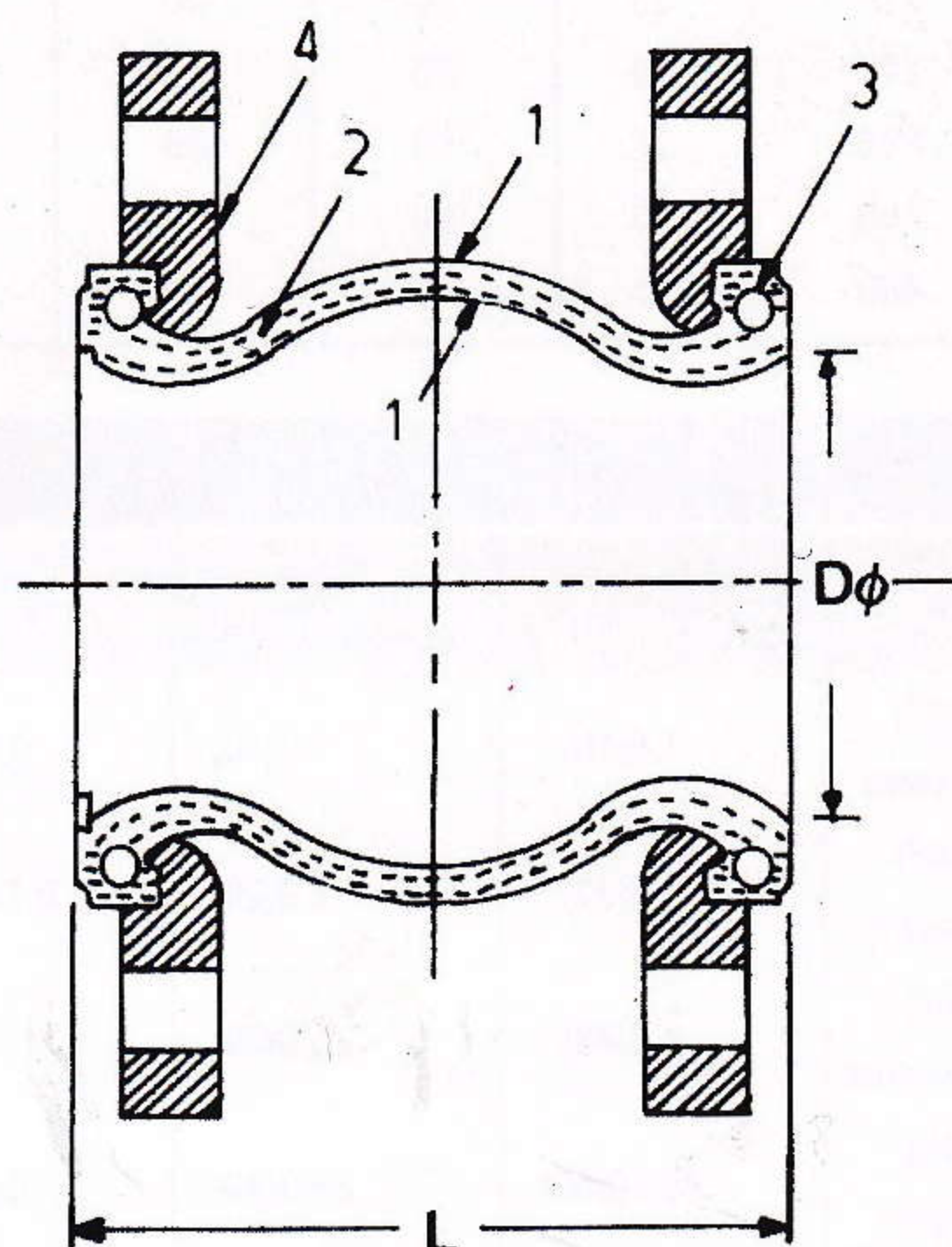
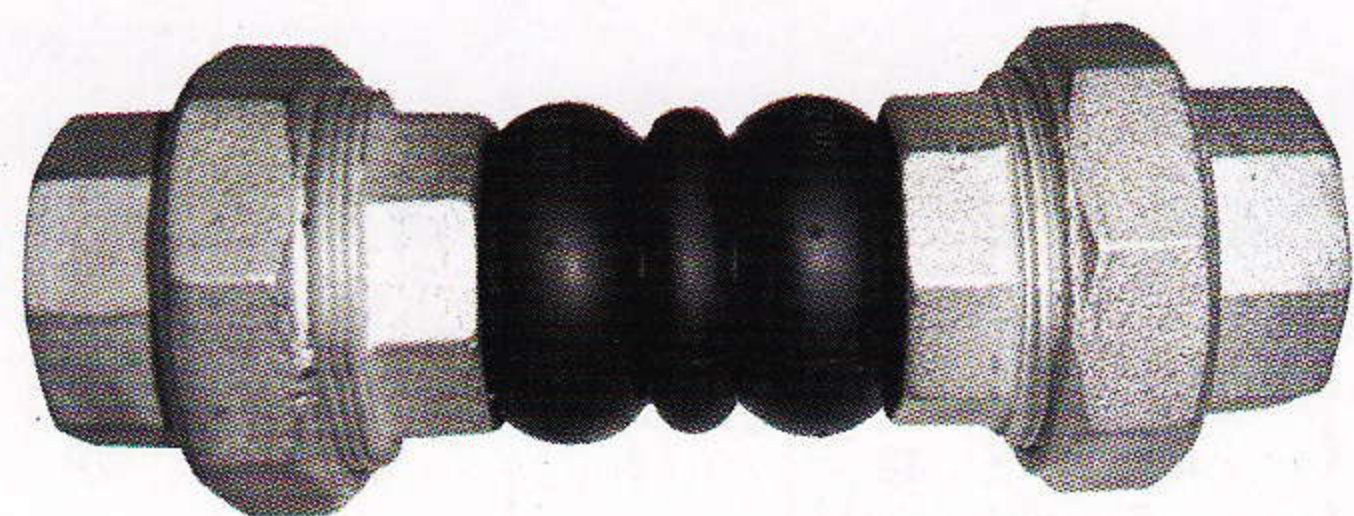
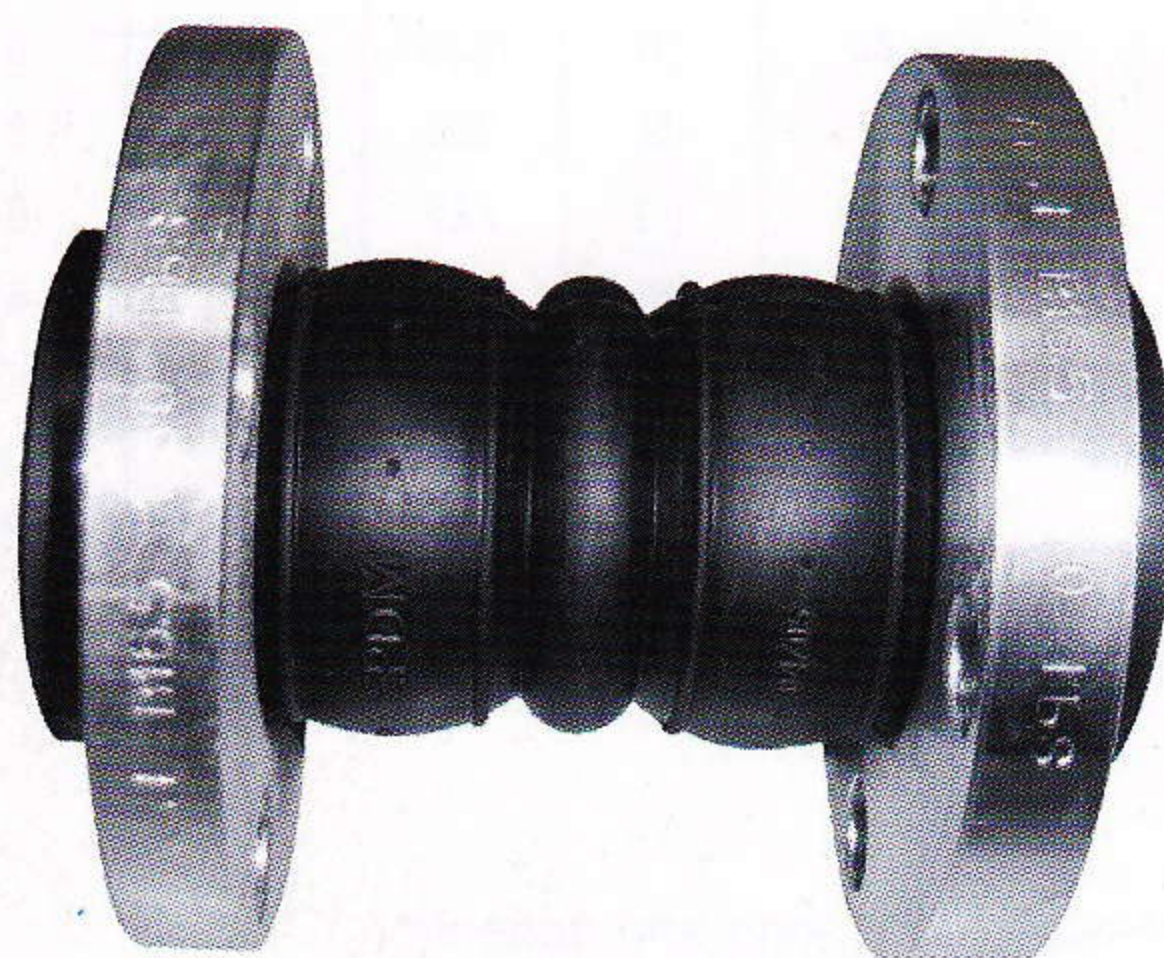


1. UNION TYPE, TWIN SPHERE



Single Sphere Expansion Joint



2. FLANGE TYPE, SINGLE SPHERE

3. FLANGE TYPE, TWIN SPHERE

STRUCTURE

ITEM	PART	MATERIALS
1	Body	Neoprene, EPDM NBR available
2	Reinforce	Nylon Tyre Cord
3	Wire	Hard Steel Wire
4	Flange	Mild Steel, Galvanized, Various drilling available

TECHNICAL SPECIFICATIONS

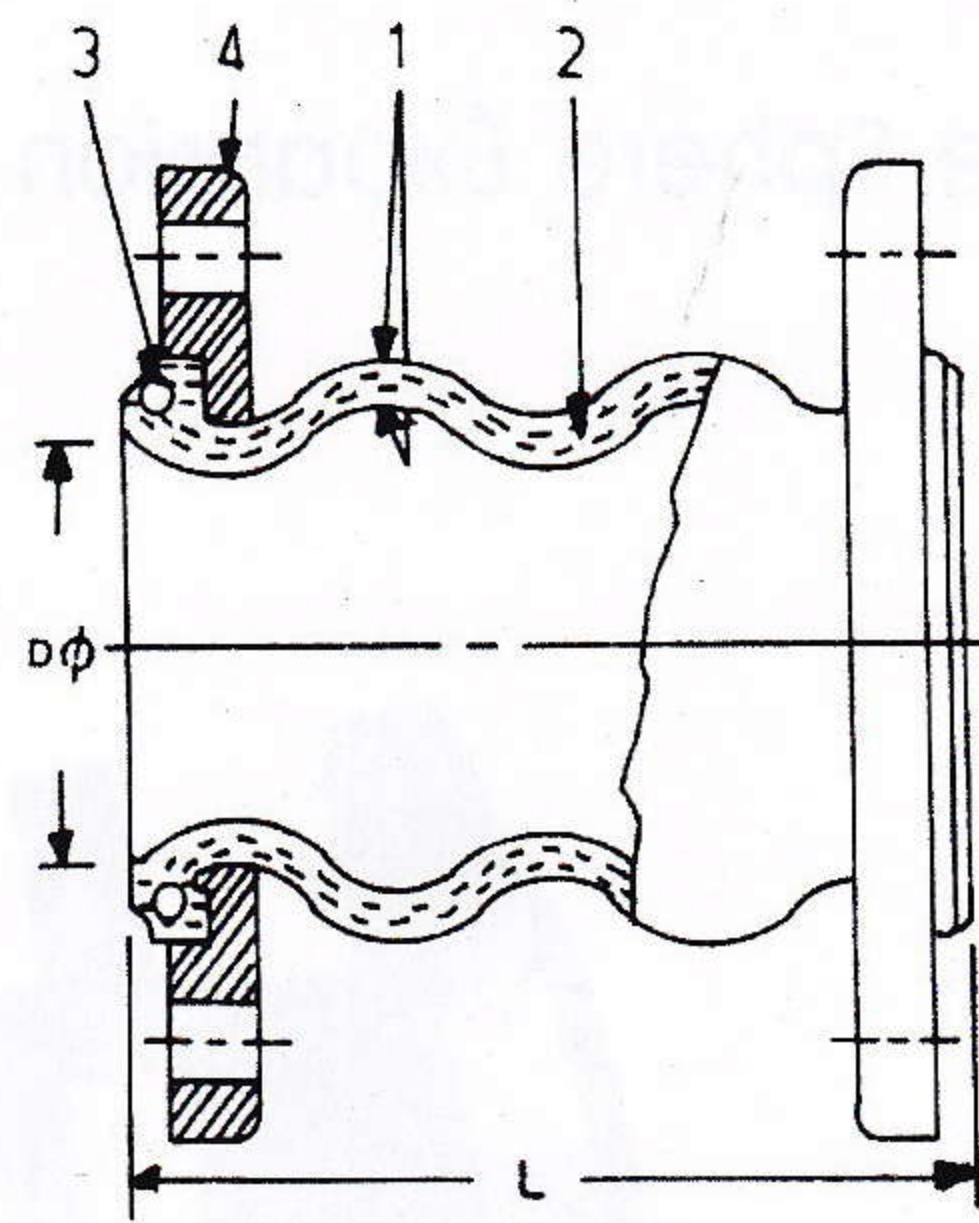
MODELS	SXT-(1)	SXT-(2)	SXT-(3)
ITEMS			
Mpa(kg.f/cm ²)			
Working pressure	1.6(16)	1.0(10)	0.6(6)
Mpa(kg.f/cm ²)			
Testing pressure	3.2(32)	2.0(20)	0.75(7.5)
Mpa(kg.f/m ²)			
Demolition pressure	4.8(48)	3.0(30)	1.8(18)
Kpa9(mmHg)			
Vacuum degree	100(750)	86.7(650)	53.3(400)
Suitable temperature	-20 ~ +115		
Suitable medium	Vapour, compressed air, water, seawater, hot water, weak acid		

SUMMARY OF PRINCIPAL DATA

NOMINAL INSIDE DIAMETRE (mm)	INCH	LENGTH (mm) L	THICKNESS OF FLANGE B(mm)	NUMBER OF BOLT BORES n	BOLT BORE DIAMETRE (mm)	DIAMETRE OF BOLT BORE CIRCLE D1(mm)	AXIAL SHIFT (mm)		CROSSWISE SHIFT (mm)	ANGLE OF DEFLEXION (a1+a2)
							EXPAND	CONTRACT		
32	(1/4)	95	16	4	17.5	100	6	9	9	15°
40	(1/2)	95	18	4	17.5	110	6	10	9	15°
50	(2)	105	18	4	17.5	125	7	10	10	15°
65	(2 1/2)	115	20	4	17.5	145	7	13	11	15°
80	(3)	130	20	8	17.5	160	8	15	12	15°
100	(4)	135	22	8	17.5	180	10	19	13	15°
125	(5)	165	24	8	17.5	210	12	19	13	15°
150	(6)	180	24	8	22	240	12	20	14	15°
200	(8)	190	24	8	22	295	16	25	22	15°
250	(10)	230	28	12	22	350	16	25	22	15°
300	(12)	245	28	12	22	460	16	25	22	15°
350	(14)	255	28	16	22	460	16	25	22	15°
400	(16)	255	30	16	26	515	16	25	22	15°
450	(18)	255	30	20	26	565	16	25	22	15°
500	(20)	255	32	20	26	620	16	25	22	15°
600	(24)	260	36	20	30	725	16	25	22	15°
700	(28)	260	36	24	26	810	16	25	22	15°
800	(32)	260	36	28	30	920	16	25	22	15°
900	(36)	260	36	24	30	1020	16	25	22	15°
1000	(40)	260	36	20	30	1120	16	25	22	15°
1200	(48)	260	36	32	33	1340	16	25	22	15°

1.0MPa, 0.6MPa. Note: other or Non-standard flanges can be manufactured on order. DN350-500 have two models, II and III, with working-pressure of 1.0MPa and 0.6MPa respectively

Both ends of joint can be subject to and deflection, and easy to automatically adjust axial and crosswise displacement.

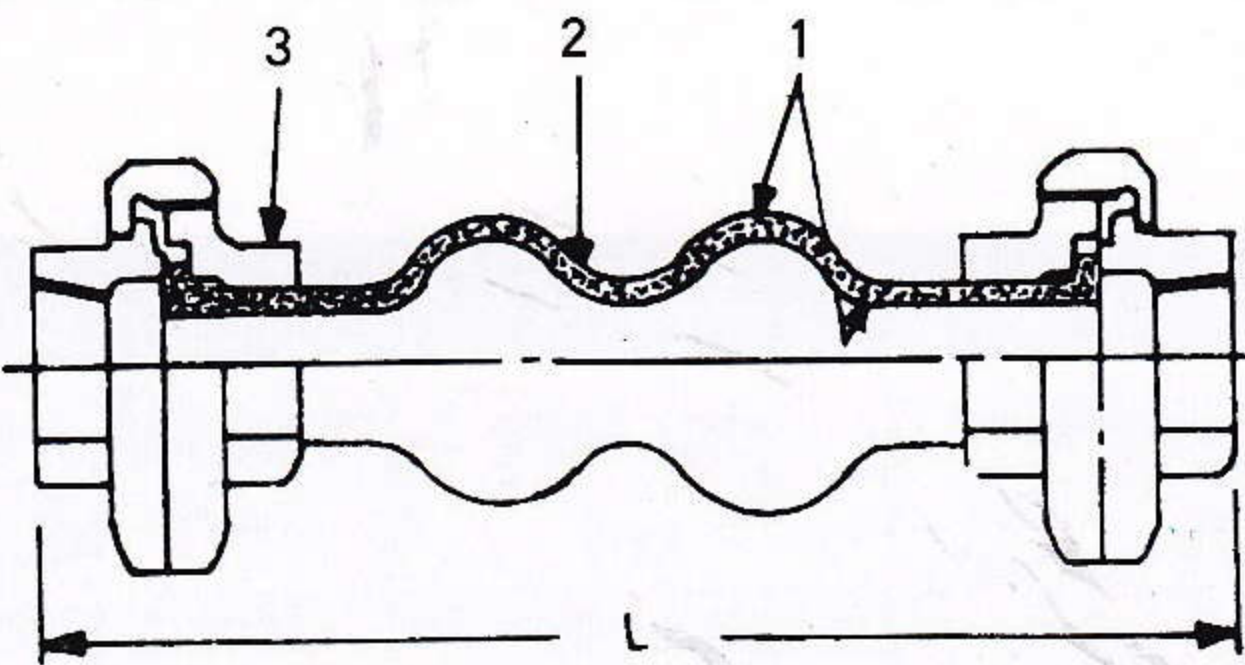


SUMMARY OF PRINCIPAL DATA										
NOMINAL INSIDE DIAMETRE		LENGTH	THICKNESS OF FLANGE	NUMBER OF BOLT BORES	BOLT BORE DIAMETRE	DIAMETRE OF BOLT BORE CIRCLE	AXIAL SHIFT (mm)		CROSSWISE SHIFT	ANGLE OF DEFLEXION
(mm)	inch	L	B(mm)	n	(mm)	D1(mm)	EXPAND	CONTRACT	(mm)	(a1+a2)
50	(2)	165	18	4	17.5	125	30	50	45	40°
65	(2 1/2)	175	20	4	17.5	145	30	50	45	40°
80	(3)	175	20	8	17.5	160	30	50	45	40°
80	(4)	225	24	8	17.5	180	35	50	40	35°
125	(5)	225	24	8	17.5	210	35	50	40	35°
150	(6)	225	24	8	22	240	35	50	40	35°
200	(8)	325	24	8	22	295	35	60	35	30°
250	(10)	325	28	12	22	350	35	60	35	30°
300	(12)	325	28	12	22	400	35	60	35	30°

Double Sphere Expansion Joint

FEATURES

1. Double sphere connector allows greater compression, elongation and deflection.
2. Requires little force to cause movement.
3. Easy to install, use floating flanges.



STRUCTURE

ITEM	PART	MATERIALS
1	Body	Neoprene, EPDM, NBR available
2	Reinforce	Nylon Tyre Cord
3	Wire	Hard Steel Wire
4	Flange	Mild Steel, Galvanized, Various drilling available

TECHNICAL SPECIFICATIONS

MODELS	SST-F(1)	SST-F(2)	SST-F(3)
Working pressure	1.6(16)	1.0(10)	0.6(6)
Testing pressure	3.2(32)	2.0(20)	0.75(7.5)
Demolition pressure	4.8(48)	3.0(30)	1.8(18)
Vacuum degree	86.7(650)	53.3(400)	40(300)
Suitable temperature	-20 ~ +115		
Suitable medium	Vapour, compressed air, water, seawater, hot water, weak acid		

Both ends of joint can be subject to axial and deflection and easy to automatically adjust axial and crosswise displacement.

Double Sphere Threaded Unions

STRUCTURE

ITEM	PART	MATERIALS
1	Body	Neoprene or others
2	Reinforce	Nylon Tyre Cord
3	Union	Cast Ductile Iron

FEATURES

1. Superb absorption of vibration
2. Effective for large eccentricity, thermal and bending angle
3. Low-cost installation and operation
4. DIN BS and ANSI threaded unions available

TECHNICAL SPECIFICATIONS

Working pressure	1.0(10)
Testing pressure	2.0(20)
Demolition pressure	3.0(30)
Vacuum degree	53.3(400)
Suitable temperature	-20 ~ +115
Suitable medium	Vapour, compressed air, water, seawater, hot water, weak acid

TECHNICAL SPECIFICATIONS

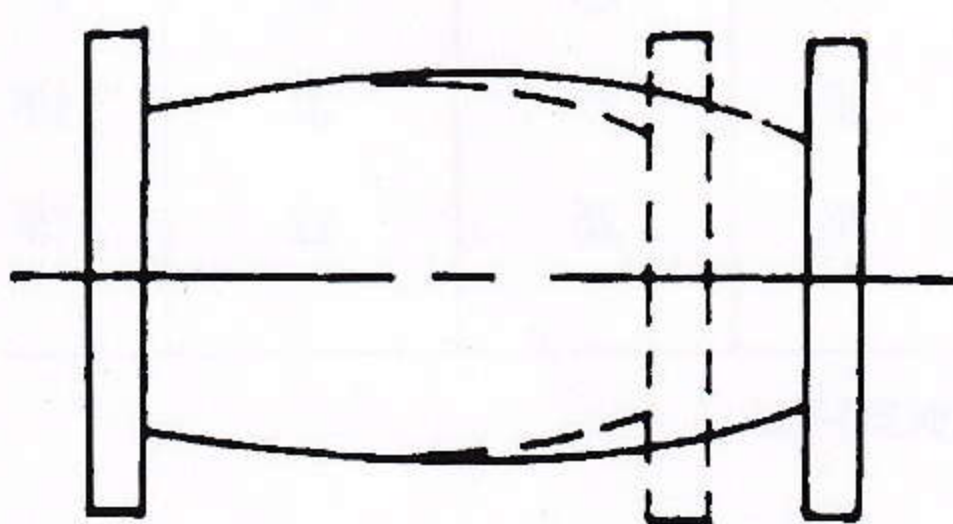
Working pressure	1.0(10)
Testing pressure	2.0(20)
Demolition pressure	3.0(30)
Suitable temperature	-10 ~ +105
Suitable medium	air, compressed air, water, hot water, hot water, weak acid

SUMMARY OF PRINCIPAL DATA

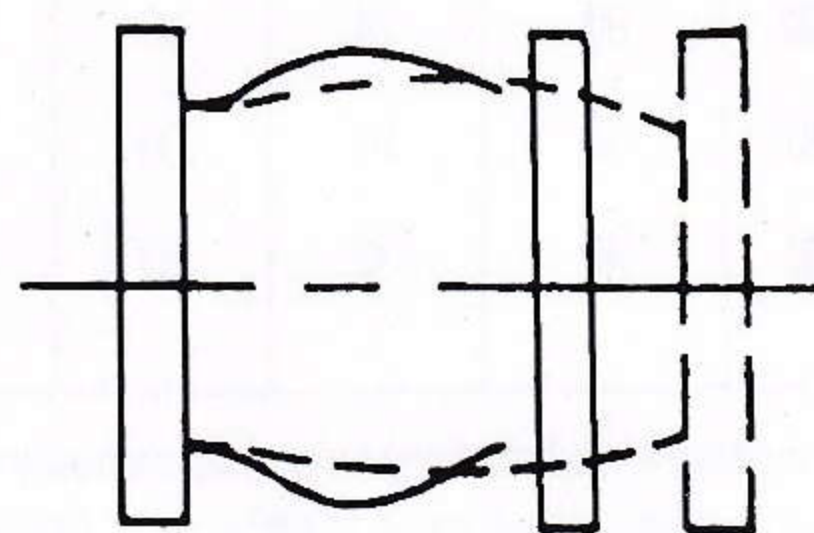
NOMINAL INSIDE DIAMETRE		LENGTH	AXIAL SHIFT (mm)		CROSSWISE SHIFT	ANGLE OF DEFLEXION
(mm)	inch	L	EXPAND	CONTRACT	(mm)	(a1+a2)
20	(3/4)	180	5-6	22	45°	22
25	(1)	180	5-6	22	45°	22
32	(1 1/4)	200	5-6	22	45°	22
40	(1 1/2)	210	5-6	22	45°	22
50	2	220	5-6	22	45°	22
65	(2 1/2)	245	5-6	22	45°	22
80	3	260	5-6	22	45°	22

SUMMARY OF PRINCIPAL DATA

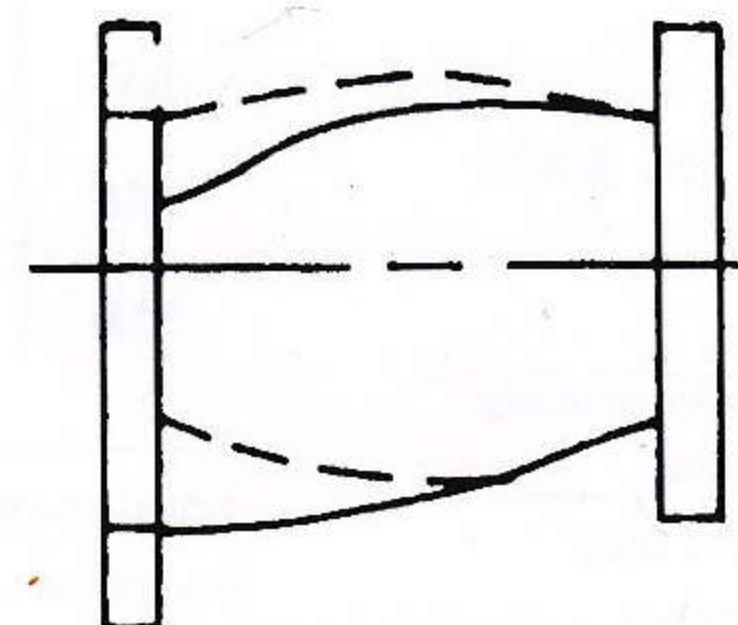
NOMINAL INSIDE DIAMETRE		LENGTH	AXIAL SHIFT (mm)		CROSSWISE SHIFT	ANGLE OF DEFLEXION
(mm)	inch	L	EXPAND	CONTRACT	(mm)	(a1+a2)
15	1/2	195	10	5	20	45°
20	3/4	220	10	5	20	45°



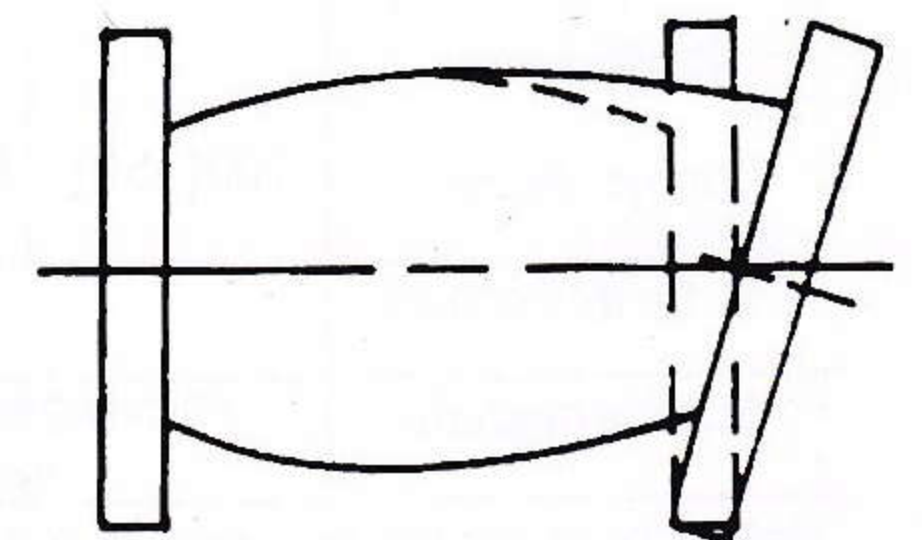
Compression



Elongation



Transverse Deflection



Angular Deflection