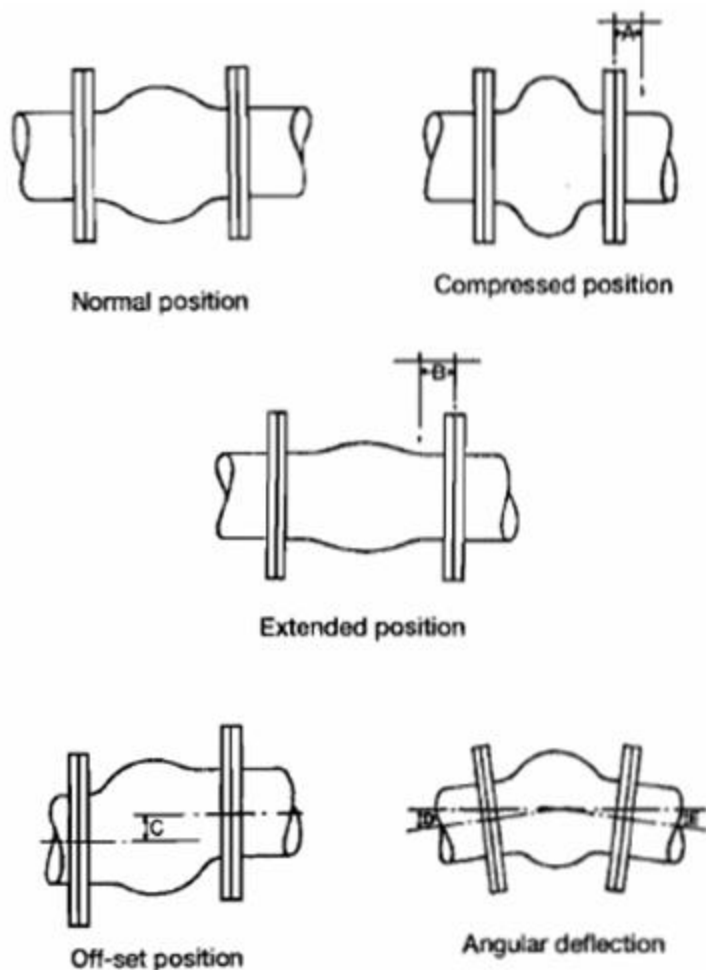


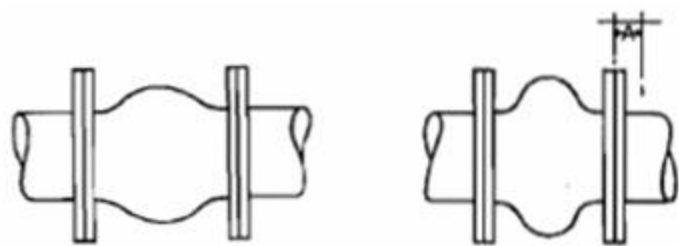
A) STANDARD LENGTH – STYLE 10

NOMINAL SIZE (mm)	AXIAL MOVEMENT (mm)		OFFSET MOVEMENT (mm) (C)	ANGULAR DEFLECTION (D + E)
	COMPRESSION (A)	EXTENSION (B)		
25	8	4	8	15 °
32	8	4	8	15 °
40	8	4	8	15 °
50	8	5	8	15 °
65	12	6	10	15 °
80	12	6	10	15 °
100	18	10	12	15 °
125	18	10	12	15 °
150	18	10	12	15 °
200	25	14	22	15 °
250	25	14	22	15 °
300	25	14	22	15 °
350	25	16	22	15 °
400	25	16	22	15 °
450	25	16	22	15 °
500	25	16	22	15 °
600	25	16	22	15 °



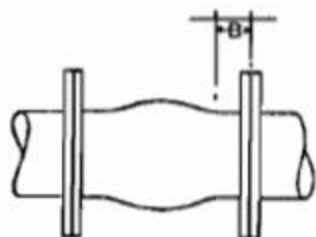
B) SHORT LENGTH – STYLE 15

NOMINAL SIZE (mm)	AXIAL MOVEMENT (mm)		OFFSET MOVEMENT (mm) (C)	ANGULAR DEFLECTION (D + E)
	COMPRESSION (A)	EXTENSION (B)		
25	14	10	14	15 °
32	14	10	14	15 °
40	14	10	14	15 °
50	14	10	14	15 °
65	14	10	14	15 °
80	14	10	14	15 °
100	14	10	14	15 °
125	14	10	14	15 °
150	14	10	14	15 °
200	14	10	14	15 °
250	14	10	14	15 °
300	14	10	14	15 °
350	25	16	19	15 °
400	25	16	19	15 °
450	25	16	19	15 °
500	25	16	19	15 °
600	25	16	19	15 °

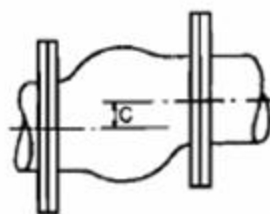


Normal position

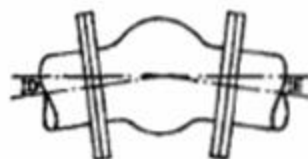
Compressed position



Extended position



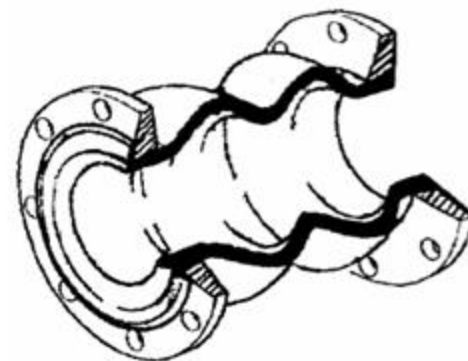
Off-set position



Angular deflection

C) IMPERIAL LENGTH – STYLE 10R

NOMINAL SIZE (mm)	AXIAL MOVEMENT (mm)		OFFSET MOVEMENT (mm) (C)	ANGULAR DEFLECTION (D + E)
	COMPRESSION (A)	EXTENSION (B)		
25	14	10	10	15 °
40	14	10	10	15 °
50	14	10	10	15 °
65	14	10	10	15 °
80	20	13	14	15 °
100	20	13	14	15 °
125	20	13	14	15 °
150	20	13	14	15 °
200	20	13	14	10 °
250	26	16	20	10 °
300	26	16	20	10 °



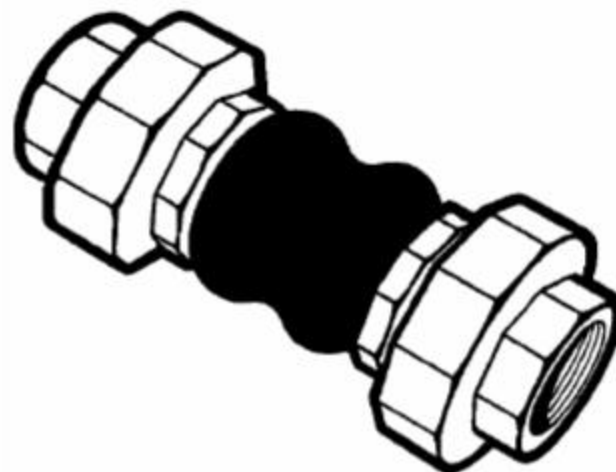
TWIN SPHERE – STYLE 20

NOMINAL SIZE (mm)	LENGTH (mm)	MAXIMUM PRESSURE	VACUUM (mm Hg)	AXIAL COMPRESSION (mm)	AXIAL ELONGATION (mm)	ANGULAR DEFLECTION
32	175	1300 kPa	500	25	20	30 °
40	175	1300 kPa	500	25	20	30 °
50	175	1300 kPa	500	28	20	30 °
65	175	1300 kPa	500	28	20	30 °
80	175	1300 kPa	500	28	20	30 °
100	225	1300 kPa	500	35	25	30 °
125	225	1200 kPa	500	35	25	30 °
150	225	1200 kPa	500	35	25	30 °
200	325	1100 kPa	500	40	25	30 °
250	325	1000 kPa	500	40	25	30 °
300	325	1000 kPa	500	40	25	30 °
350	350	1000 kPa	500	45	30	30 °
400	350	900 kPa	500	45	30	30 °
450	350	900 kPa	500	45	30	30 °



SCREWED – STYLE 30 WITH B.S.P UNION ENDS

OPERATING PRESSURE : 800kPa
BURST PRESSURE : 2400 kPa
VACUUM RATING : 400mm HG



SIZE		FACE TO FACE mm	SXIAL MOVEMENT (mm)		ANGULAR MOVEMENT
INCHES	mm		COMPRESSION	TENSION	
½	15	203	+22	-6	40 °
¾	20	203	+22	-6	40 °
1	25	203	+22	-6	40 °
1 ¼	32	203	+22	-6	40 °
1 ½	40	203	+22	-6	35 °
2	50	203	+22	-6	35 °
2 ½	65	240	+25	-8	30 °
3	80	240	+25	-8	30 °