SINGLE SPHERE RUBBER EXPANSION JOINT

PN 16

CODE . LV 1502

LAVA FLOW SOLUTIONS

SPECIFICATION: Single Sphere Rubber Expansion Joint, Flanged to BS EN 1092-1 PN16, Absorbs Expansion Contraction and Mis Alignment Within Allowable Movements .

Pressure Rating : PN16

UK END CONNECTION: *According BS EN 10226-2 (ISO 7-1)/BS 21"*



Pressure Rating :

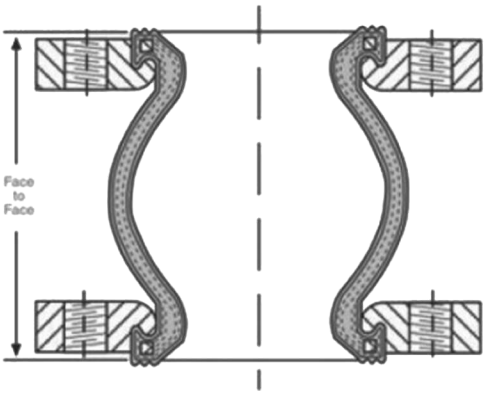
Working Pressure:	16 bar
Testing Pressure :	24 bar
Explosion Pressure :	30 bar
Suitable Media:	Water , Air, Oil, Hot Water

Temperature Ratings :

Temperature :	-15 ˚C to 80 ˚C

LIST OF MATERIALS

Part Name	Material
Flanged	Galvanized Carbon Steel
Inner & Outer Layer	EPDM
Frame	Nylon Cord Fabric



Dimensions

Technical Details

Normal diameter (DN)		Length	Axial displspibcement	Horizontal	Deflexion displacement	angle
mm	inch	mm	Extension (mm)	Compression (mm)	mm	(a1 +a2) ˚
32	1 and 1/4	95	6	9	9	15 ˚
40	1and 1/2	95	6	10	9	15 ˚
50	2	105	7	10	10	15 ˚
65	2 and 1/2	115	7	13	11	15 ˚
80	3	135	8	15	12	15 ˚
100	4	150	10	19	13	15 ˚
125	5	165	12	19	13	15 ˚
150	6	180	12	20	14	15 ˚
200	8	210	16	25	22	15 ˚
250	10	230	16	25	22	15 ˚
300	12	245	16	25	22	15 ˚
350	14	255	16	25	22	15 ˚
400	16	255	16	25	22	15 ˚
450	18	255	16	25	22	15 ˚
500	20	255	16	25	22	15 ˚
600	24	260	16	25	22	15 ˚

All size is nominal(indicative)
Actual dimesions may vary