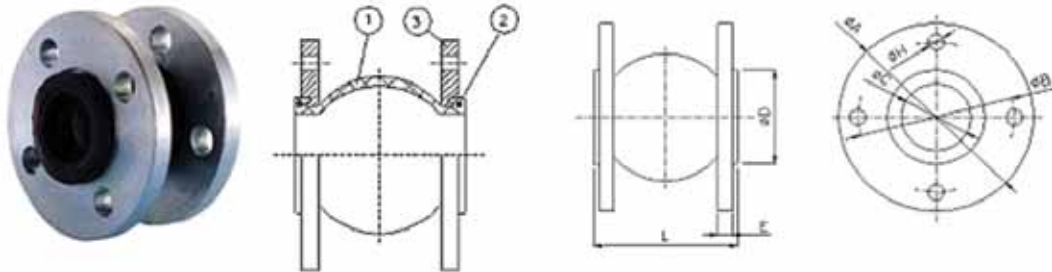


EPDM Expansion Joints

Rubber Expansion Joint – DIN Flanged Ends



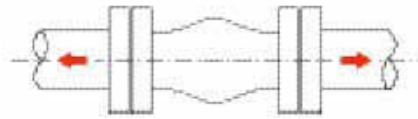
No	Name	Material	Surface Treatment
1	Body	EPDM	-----
2	Ring	Carbon steel	Zinc plated
3	Flange	Carbon steel	Zinc plated

GENERAL DIMENSIONS											
Ref	Size	DN	PN	Dimensions (mm)							Weight (Kg)
				A	B	C	D	n x H	L	E	
2831 07	1 1/4"	32	10	140	100	40	69	4 x 18	95	16	3.10
2831 08	1 1/2"	40	10	150	110	40	69	4 x 18	95	16	3.80
2831 09	2"	50	10	165	125	52	86	4 x 18	105	18	4.25
2831 10	2 1/2"	65	10	185	145	68	106	4 x 18	115	18	5.80
2831 11	3"	80	10	200	160	76	116	4 x 18	130	20	6.00
2831 12	4"	100	10	220	180	103	150	8 x 18	135	20	6.75
2831 13	5"	125	10	250	210	128	180	8 x 18	160	22	9.50
2831 14	6"	150	10	285	240	152	209	8 x 23	185	22	12.85
2831 16	8"	200	10	340	295	194	260	8 x 23	200	24	16.85
2831 18	10"	250	10	395	350	250	320	12x23	240	26	23.70
2831 20	12"	300	10	445	400	300	367	12x23	260	26	29.65
2831 22	14"	350	10	505	460	320	408	16x23	255	28	39.70
2831 24	16"	400	10	565	515	372	472	16x28	255	32	51.30
2831 26	18"	450	10	615	565	415	522	20x28	255	36	72.40
2831 28	20"	500	10	670	620	454	570	20x28	255	38	88.65

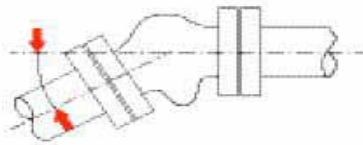
Diagram of Displacement



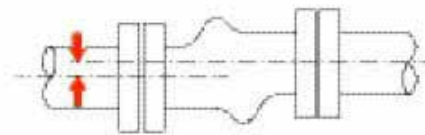
Axial Compression



Axial Elongation



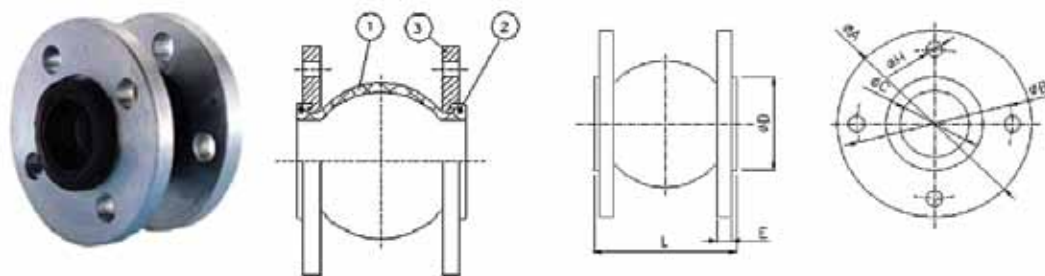
Angular Deflection



Lateral Displacement

Ref	Axial Compression	Axial Stretch	Angular Deflection	Lateral Disp.
	mm.	mm.	$\alpha_1 + \alpha_2$	mm.
2831 07	20	12	15°	14
2831 08	20	12	15°	14
2831 09	20	12	15°	14
2831 10	20	12	15°	14
2831 11	20	12	15°	14
2831 12	20	12	15°	14
2831 13	20	12	15°	14
2831 14	20	12	15°	14
2831 16	20	12	15°	14
2831 18	20	12	15°	14
2831 20	25	16	15°	22
2831 22	25	16	15°	22
2831 24	25	16	15°	22
2831 26	25	16	15°	22
2831 28	25	16	15°	22

Rubber Expansion Joint – ANSI 150 Flanged Ends



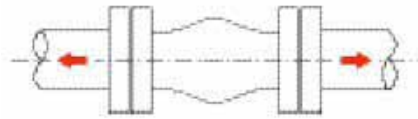
Nº	Name	Material	Surface Treatment
1	Body	EPDM	----
2	Ring	Carbon steel	Zinc plated
3	Flange	Carbon steel	Zinc plated

GENERAL DIMENSIONS											
Ref	Size	DN	PN	Dimensions (mm)							Weight (Kg)
				A	B	C	D	n x H	L	E	
2831A 07	1 1/4"	32	10	117.5	88.9	40	69	4 x 16	95	16	2.60
2831A 08	1 1/2"	40	10	127	98.4	40	69	4 x 16	95	17.5	2.85
2831A 09	2"	50	10	152.4	120.6	52	86	4 x 19	105	19	3.45
2831A 10	2 1/2"	65	10	177.8	139.7	68	106	4 x 19	115	22.2	5.30
2831A 11	3"	80	10	190.5	152.4	76	116	4 x 19	130	23.8	5.50
2831A 12	4"	100	10	228.6	190.5	103	150	8 x 19	135	23.8	6.25
2831A 13	5"	125	10	254	215.9	128	180	8 x 22	170	23.8	10.00
2831A 14	6"	150	10	279.4	241.3	152	209	8 x 22	180	25.4	12.35
2831A 16	8"	200	10	342.9	298.5	194	260	8 x 22	205	28.6	17.35
2831A 18	10"	250	10	406.4	361.9	250	320	12 x 25.4	240	30.2	24.10
2831A 20	12"	300	10	482.6	431.8	300	367	12 x 25.4	260	31.7	30.15
2831A 22	14"	350	10	533.4	476.2	320	408	12 x 28.6	255	34.9	40.20
2831A 24	16"	400	10	596.9	539.7	372	472	16 x 28.6	255	36.5	51.80
2831A 26	18"	450	10	635	577.8	415	522	16 x 31.7	255	39.7	72.90
2831A 28	20"	500	10	698.5	635	454	570	20 x 31.7	255	42.9	88.65

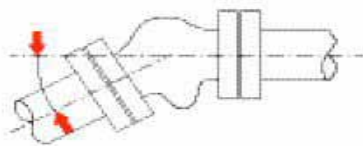
Diagram of Displacement



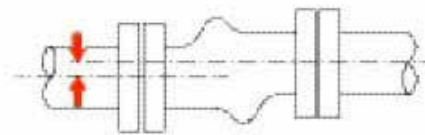
Axial Compression



Axial Elongation



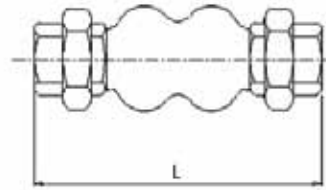
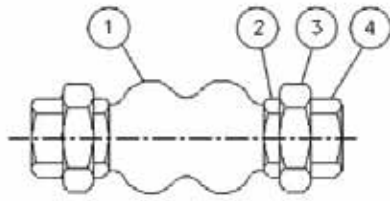
Angular Deflection



Lateral Displacement

Ref	Axial Compression	Axial Stretch	Angular Deflection	Lateral Disp.
	mm.	mm.	$\alpha_1 + \alpha_2$	mm.
2831 A 07	20	12	15°	14
2831 A 08	20	12	15°	14
2831 A 09	20	12	15°	14
2831 A 10	20	12	15°	14
2831 A 11	20	12	15°	14
2831 A 12	20	12	15°	14
2831 A 13	20	12	15°	14
2831 A 14	20	12	15°	14
2831 A 16	20	12	15°	14
2831 A 18	20	12	15°	14
2831 A 20	25	16	15°	22
2831 A 22	25	16	15°	22
2831 A 24	25	16	15°	22
2831 A 26	25	16	15°	22
2831 A 28	25	16	15°	22

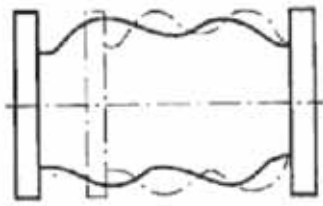
Rubber Expansion Joint – Threaded Ends



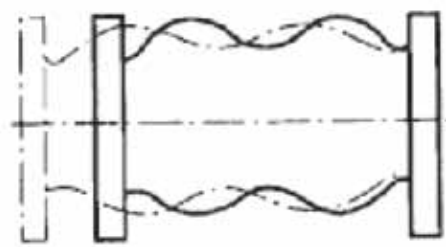
N°	Name	Material	Surface Treatment
1	Body	EPDM	----
2	Clamp	Carbon steel	Zinc plated
3	Union	Carbon steel	Zinc plated
4	Racord	Carbon steel	Zinc plated

General Dimensions				
Ref	Size	PN	Dimensions (mm)	Weight (Kg)
2830 05	¾"	10	200	0.71
2830 06	1"	10	200	1.09
2830 07	1 ¼"	10	200	1.31
2830 08	1 ½"	10	200	1.78
283009	2"	10	200	2.65

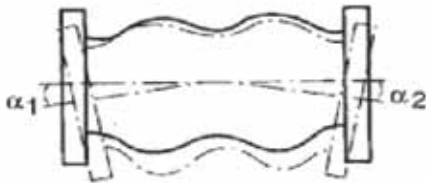
Diagram of Displacement



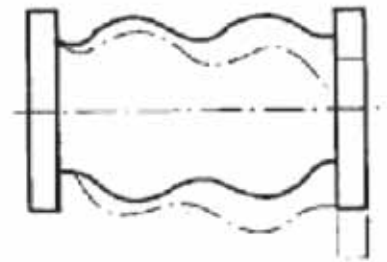
Axial Compression



Axial Elongation



Angular Deflection



Lateral Displacement

Ref	Axial Compression	Axial Stretch	Angular Deflection	Lateral Disp.
	mm.	mm.	$\alpha 1 + \alpha 2$	mm.
283005	22	5	25°	22
283006	22	5	25°	22
283007	22	5	20°	22
283008	22	5	15°	22
283009	22	5	12°	22