

AW41/2 DOUBLE SPHERE EXPANSION JOINT

DN32 - DN600 (EPDM)

The Double Sphere Expansion Joint absorbs any misalignment between two pipes or fittings. Its sphere shaped sleeve distributes pressure evenly over the whole surface to provide a high level of integrity.

Application:



District heating & cooling, Irrigation, Potable Water, Sewerage and Storm Water

Design features

- Flanges free to rotate allows easy installation
- Rubber is doubly reinforced nylon/steel for high integrity, even under vacuum rotate for easy installation
- Rubber seals with counter flanges ensures that the joint flanges are never in contact with the process fluid.

Technical Details

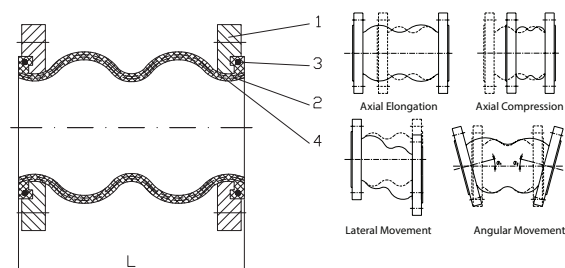
Maximum Working Pressure PFA: 16 bar / PN16	Flange Type: EN 1092-1 PN10 & PN16 (other flange types available on request)
Working temperature: EPDM -10 to +120°C	Vacuum Rating: DN50 to DN300: 500 mmHg / 0,667 bar DN350 to DN600: 400 mmHg / 0,530 bar
Medium: Air, Water, Oil, Acid etc	





AW41/2

No	Part Name	Material
1	Flange	Carbon Steel, Zinc Plated
2	Carcass	Nylon cord fabric
3	Reinforcing Wire	Spring Steel Wire
4	Rubber Sleeve	Elastomer EPDM



Dimension (mm & kg)

AW41/2	Code	L ± 5	Axial Compression	Axial Elongation	Lateral Movement	Angular Movement α1+α2	Weight kg
DN							
32	BE1154	95	9	6	9	15°	2,8
40	BE0104	95	10	6	9	15°	3,0
50	BE0105	105	10	7	10	15°	4,1
65	BE0161	115	13	7	11	15°	5,0
80	BE0106	130	15	8	12	15°	6,5
100	BE0100	135	19	10	13	15°	6,7
125	BE0101	165	19	12	13	15°	9,5
150	BE0102	180	20	12	14	15°	12,5
200	BE0159	205	25	16	22	15°	14,5
250	BE0103	240	25	16	22	15°	22,5
300	BE0160	260	25	16	22	15°	33,5
350	BE0107	265	25	16	22	15°	37,5
400	BE0108	265	25	16	22	15°	50
450	BE0109	265	25	16	22	15°	57
500	BE0110	265	25	16	22	15°	67
600	BE0111	265	25	16	22	15°	87