

10.20

Axial metal expansion joints

Application:

Expansion joints are used where the pipelines change their length because of temperature change, and they put up with vibration.

Use according to the medium supplied:

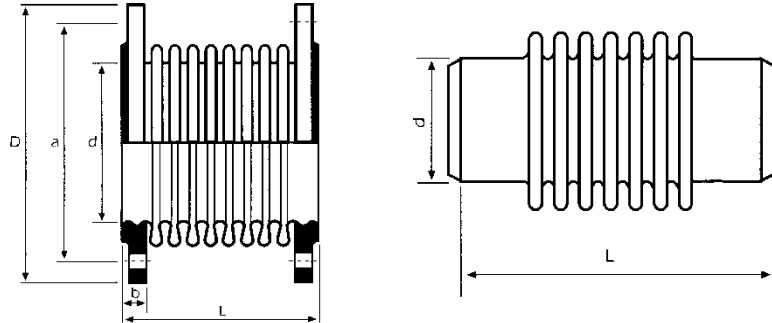
Building industry, energetic, pharmaceuticals, chemical industry, high-temperature steam, aggressive chemicals.

Working pressure: 16 bar

L_{30} : (-20/+10) for axial move.

L_{60} : (-40/+20) for axial move.

Materials	
Wave body	Stainless steel, 1.4541
Wire	Stainless steel, 1.4541
Flange/welding end	Carbon steel, S235JRG2



DN	d (mm)	D (mm)	a (mm)	L_{30} (mm)	L_{60} (mm)	b (mm)	Effective surface (cm ²)	DN	d (mm)	L_{30} (mm)	L_{60} (mm)	Effective surface (cm ²)
25	33,7	115	85	110	-	16	16	25	33,7	110	-	16
32	42,4	140	100	115	-	16	18	32	42,4	115	-	18
40	48,3	150	110	120	-	16	23	40	48,3	120	-	23
50	60,3	165	125	110	-	18	37	50	60,3	110	-	37
65	76,1	185	145	110	195	18	58	65	76,1	110	195	58
80	88,9	200	160	110	190	20	79	80	88,9	110	190	79
100	114,3	220	180	115	200	20	128	100	114,3	115	200	128
125	139,7	250	210	120	210	22	183	125	139,7	120	210	183
150	168,3	285	240	140	225	22	268	150	168,3	140	225	268
200	219,1	340	295	140	245	24	437	200	219,1	140	245	437
250	273	405	355	140	235	26	705	250	273	140	235	705