



AXIAL TYPE - TYPE EXPANSION JOINTS

Axial expansion joints absorb expansion laterally, caused by the thermal difference of the media inside the pipeline.

The pipeline system is divided into several parts and axial expansion joints are installed along the pipeline according to calculations of expansion.

Axial expansion joints are designed to absorb lateral movement 30mm and 60mm. Also, it is possible to produce for absorption of other movements based on the calculations for different pipelines.

The main part of axial expansion joints is stainless steel corrugated bellow. For different requirements there are additional parts such as inner sleeve, tie-rods, cover. The wall thickness of bellow, number of ribs and additional parts of expansion joints are designed according to temperature, pressure and media of pipeline.

Design :
According to EJMA standard

Connection:
Floating Flanged, Fixed Flanged, Butt-weld

Working Conditions:
According to DIN 2401

Material:
According to DIN 17440

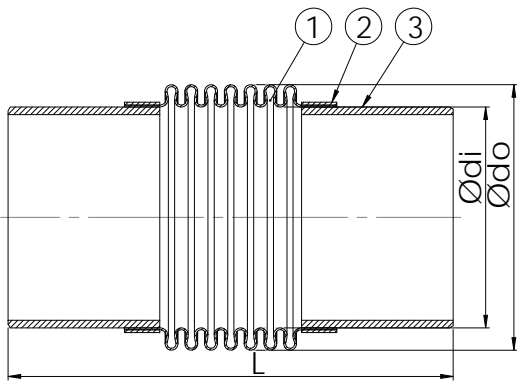
Bellows:
Stainless Steel

Connection:
Stainless Steel or carbon steel

Nominal Diameter:
DN 25(1") - DN 2600 (104")

Working Pressure:
Standard production is based on PN 16, please contact us for high pressure requirements.

Working Temperature:
-80/+427° C (optional); -80/+1100° C)



4	2	KA	St. 37.2
3	2	FLANGE	AISI 304
2	2	LAYNER	AISI 304
1	1	BELLOW	AISI 304
S.NO	PSC	Description	MATERIAL

			HLS-30 MKB	HLS-30 MKB-L	HLS-60 MKB-L
BELLOW					
Size	Ødi	Ødo	L	L	L
DN 25	38	48,2	210	210	
DN 32	42,4	55	215	215	
DN 40	48,3	61	240	240	
DN 50	60,3	76	210	210	
DN 65	76,1	95	210	210	295
DN 80	88,9	111	210	210	290
DN 100	114,3	140	220	220	30
DN 125	139,7	164	230	230	310
DN 150	168,3	200	245	245	345
DN 200	219,1	250	240	240	345
DN 250	273	323	250	250	350
DN 300	323,9	380	260	260	360