GROOVED EXPANSION JOINTS PN16



APPLICATION

Axial expansion joints with multi-walled grooved connections.

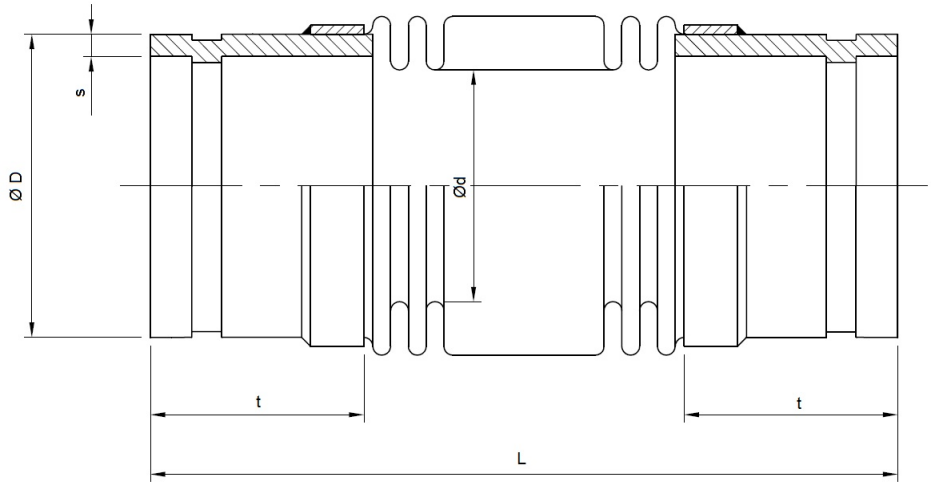
INSTALLATION

Check installation instructions, in particular check if a pre-tensioning of the compensator is required following the stress-analysis.

TECHNICAL DATA

Material:

- Bellows: ASTM A 240 AISI 321;
- Internal flow sleeve: ASTM A 240 AISI 304;
- Couplings: carbon steel.



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Type [DN]	Diam. [inch]	L [mm]	ØD [mm]	s [mm]	; Ød [mm]	t [mm]	Rass +-20% [N/mm]	Rlat +-20% [N/mm	Ae [cm2]
40	1" 1/2	275	48,3	2,50	40	100	85	50	12
50	2"	280	60,3	2,90	50	100	55	50	29
65	2" 1/2	290	76,1	2,90	65	100	140	150	44
80	3"	290	88,9	2,90	80	100	165	250	61
100	4"	315	114,3	4,50	100	100	125	180	101
125	5"	315	139,7	4,50	125	100	155	340	148
150	6"	315	168,3	4,50	150	100	190	625	219
200	8"	350	219,1	5,90	200	100	355	840	367

R_{ass} = Axial stiffness
R_{lat} = Side stiffness
Ae = Real section

Type [DN]	Axial race tot [mm]	Axial race (elongation) [mm]	Axial race (compression) [mm]
40	21	5	16
50	24	6	18
65	24	6	18
80	24	6	18
100	33	8	25
125	33	8	25
150	33	8	25
200	40	10	30

Codice	Nome	Peso	Numero di pezzi
MHS240	48,3 mm 1"½	-	1
MHS250	60,3 mm 2"	-	1
MHS265	76,1 mm 2"½	1	1
MHS280	88,9 mm 3"	-	1
MAS2100	114,3 mm 4"	4	1
MAS2125	139,7 mm 5"	-	1
MAS2150	168,3 mm 6"	-	1
MAS2200	219,1 mm 8"	-	1