

1

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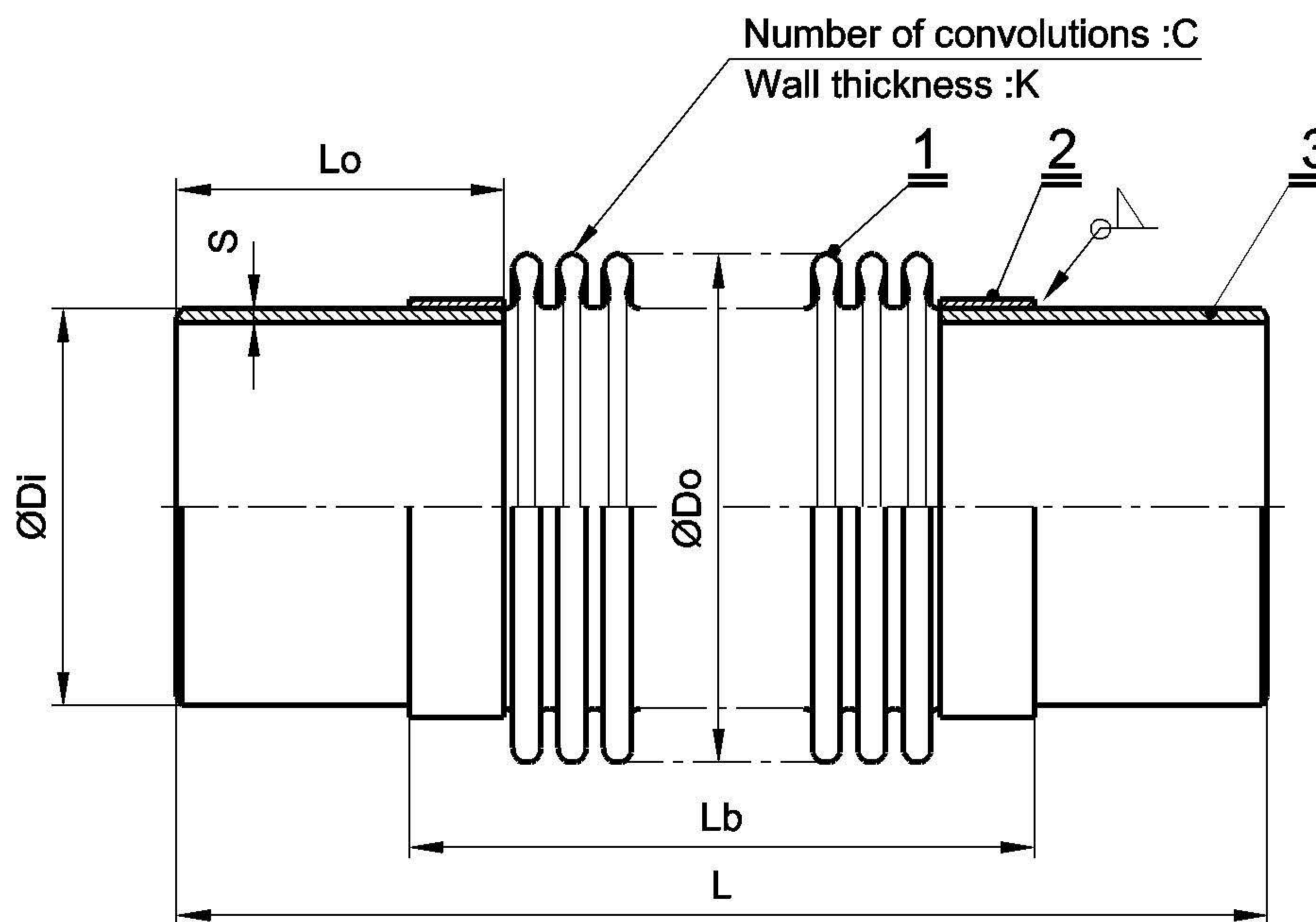
A

B

C

D

E



AXIAL; +20mm -40mm

DN	ØDi	ØDo	K	C	S	Lo	L	Lb	Axial Spring Rate at 21 C° in N/mm	Net Weights (kg)	Stock Code
DN40	48,3	61,5	0.30	28	2,6	60	255	155	43,5	0,65	HA200A300A29B
DN50	60,3	76,7	0.30	28	2,9	60	285	185	28,2	0,9	HA200A300A30B
DN65	76.1	95.7	0.30	28	2.9	60	295	195	19,5	1,1	HA200A300A31B
DN80	88.9	111.4	0.30	20	3.2	60	290	190	24,7	1,5	HA200A300A32B
DN100	114.3	140.5	0.40	20	3.6	60	300	200	41,6	2,4	HA200A300A33B
DN125	139.7	165.3	0.40	20	4	60	310	210	51,1	3,1	HA200A300A34B
DN150	168.3	200.7	0.40	20	4.5	60	325	225	33,3	4,5	HA200A300A35B
DN200	219.1	251.7	0.50	16	6.3	70	345	245	93,5	7,6	HA200A300A37B
DN250	273	324.8	0.50	12	6.3	70	335	235	41,2	9,9	HA200A300A38B
DN300	323.9	382	0.60	12	7.1	70	340	240	58,3	14	HA200A300A39B
DN350	355.6	414	0.60	10	8	75	350	250	77,6	17,8	HA200A310A40B
DN400	406.4	468	0.80	8	8	80	350	250	208,7	25	HA200A310A41B
DN450	457	518.8	0.80	8	10	80	350	250	232,5	28	HA200A310A42B
DN500	508	570	1	8	10	80	345	245	477,8	36,6	HA200A310A43B

3	2	WELDING END	St 37.2			
2	2	BAND	AISI 321			
1	1	BELLOW	AISI 321			
ITEM	QTY	PART NAME	MATERIAL	SIZE	DRAWING NO	EXPLANATION

	NAME	DATE	SIGNATURE																											
DRAWER		10.09.2009																												
CONTROL																														
APPROVAL																														
SCALE	EXPANSION JOINT WITH BUTT WELDING END Typ: HAS - PN 2,5 - L60			<table border="1"> <tr> <td>≥0.5</td> <td>≥3</td> <td>≥6</td> <td>≥30</td> <td>≥120</td> <td>≥400</td> <td>≥1000</td> <td>≥2000</td> </tr> <tr> <td>&lt;3</td> <td>&lt;6</td> <td>&lt;30</td> <td>&lt;120</td> <td>&lt;400</td> <td>&lt;1000</td> <td>&lt;2000</td> <td>&lt;4000</td> </tr> <tr> <td>± 0.1</td> <td>± 0.1</td> <td>± 0.2</td> <td>± 0.3</td> <td>± 0.5</td> <td>± 0.8</td> <td>± 1.2</td> <td>± 2</td> </tr> </table>	≥0.5	≥3	≥6	≥30	≥120	≥400	≥1000	≥2000	<3	<6	<30	<120	<400	<1000	<2000	<4000	± 0.1	± 0.1	± 0.2	± 0.3	± 0.5	± 0.8	± 1.2	± 2	GENERAL MEASURE TOL DIN7168 MID.	
≥0.5	≥3	≥6	≥30	≥120	≥400	≥1000	≥2000																							
<3	<6	<30	<120	<400	<1000	<2000	<4000																							
± 0.1	± 0.1	± 0.2	± 0.3	± 0.5	± 0.8	± 1.2	± 2																							
	FIRM DRAWING NUMBER :	WEIGHT :		MATERIAL	QTY	DRAWING NUMBER :																								
						EDITION NUMBER: 5																								

technische Änderungen vorbehalten / subject to modification

Do Not Take Measurements From The Drawing