EXPANSION JOINTS
FIG. S11A

GENERAL FEATURES:
Bellow in EPDM or NBR
Flanges in galvanized steel
Temperature range: -10°C ~ 80°C (NBR)
-10°C ~ 100°C (EPDM)

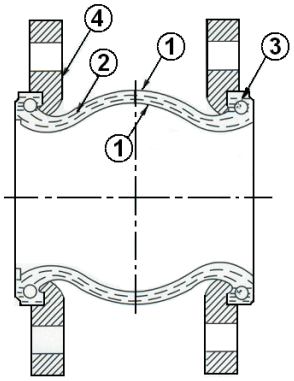
USAGE:
- Water distribution, heating and HVAC (EPDM)
- Mineral oil, hydrocarbons and fuel (NBR)

FIGURE:
- S11A10E-0303: bellows in EPDM, flanges PN10
- S11A10B-0303: bellows in NBR, flanges PN10

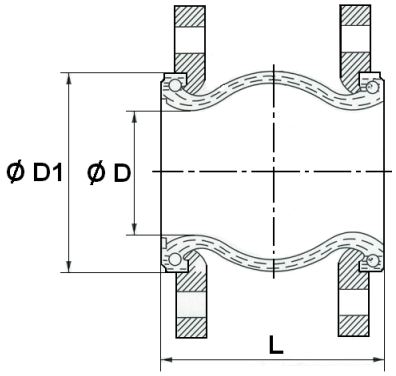


DESIGN STANDARDS	
Construction	ISO 9001 : 2015
Flanges	EN 1092-2 PN10/16
TESTS AND CERTIFICATES	
Quality Assurance	ISO 9001, CE-PED (excluded according to art. 4.3 sound engineering practice)

Subject to changes



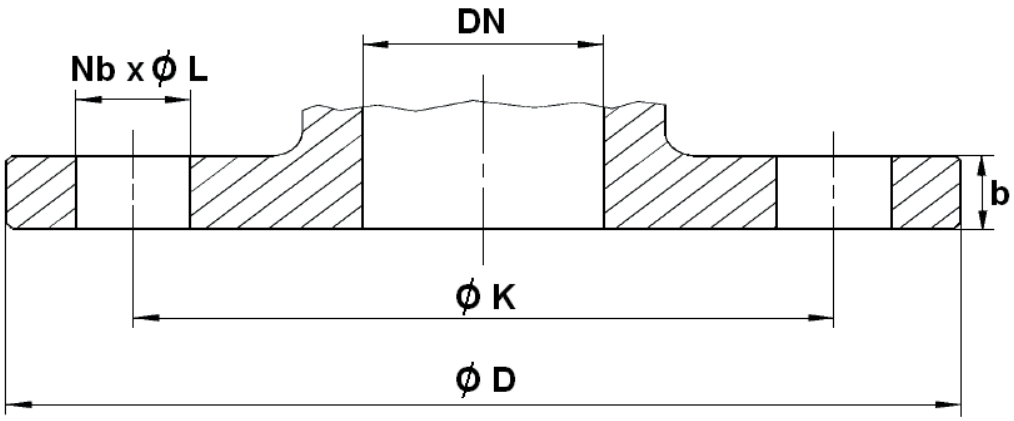
N°	Description	Materials	
		S11A10E-0303	S11A10B-0303
1	Bellow (inside & outside)	EPDM	NBR
2	Reinforcement	Nylon cord	
3	Brace	Hard steel	
4	Flanges	Steel, electrogalvanised	



Dimensions (mm):

DN	L	ø D	ø D1	Kg (S11A10E-0303)	Kg (S11A10B-0303)
32	130	29	69	2,74	2,74
40	130	36	78	2,98	2,98
50	130	48	89	4,24	4,24
65	130	63	108	4,98	4,98
80	130	73	124	6,27	5,72
100	130	92	145	6,94	6,94
125	130	123	180	9,18	9,18
150	130	144	209	10,96	10,96
200	130	199	259	15,30	15,30
250	130	154	322	20,24	-
300	130	295	370	23,46	-

Subject to changes

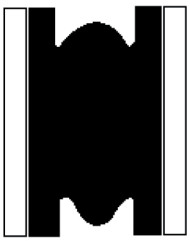


Dimensions (mm):

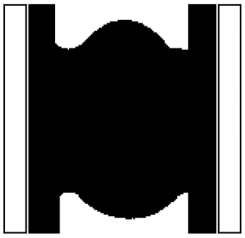
SA11A10E-0303 / SA11A10B-0303*				
DN	Ø D	Ø K	Nb x Ø L	b
32	140	100	4 x 19	14
40	150	110	4 x 19	14
50	165	125	4 x 19	15
65	185	145	4 x 19	15
80	200	160	8 x 19	17
100	220	180	8 x 19	17
125	250	210	8 x 19	19
150	285	240	8 x 23	19
200	340	295	8 x 23	20
250	395	350	12 x 23	22
300	445	400	12 x 23	22

* SA11A10B-0303 only up to DN200

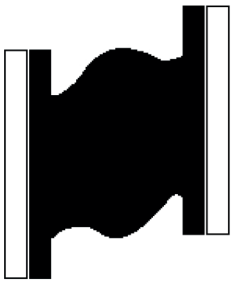
Subject to changes



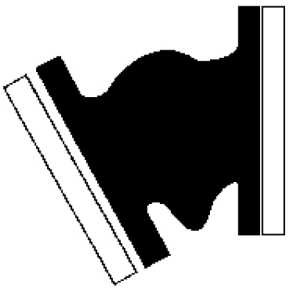
COMPRESSION



EXPANSION



LATERAL



ANGULAR

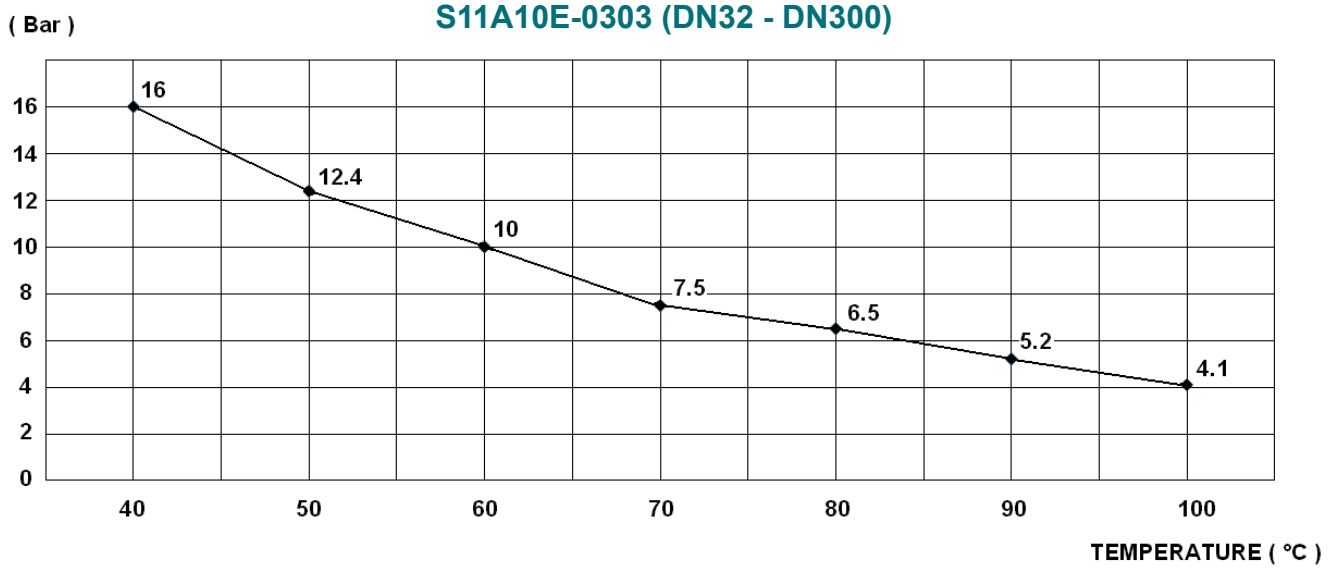
Movement (mm):

DN	Compression	Expansion	Lateral	Angular
32	12	10	12	15°
40	12	10	12	15°
50	12	10	12	15°
65	12	10	12	15°
80	12	10	12	15°
100	12	10	12	15°
125	12	10	12	15°
150	12	10	12	15°
200	12	10	12	15°
250	12	10	12	15°
300	12	10	12	15°

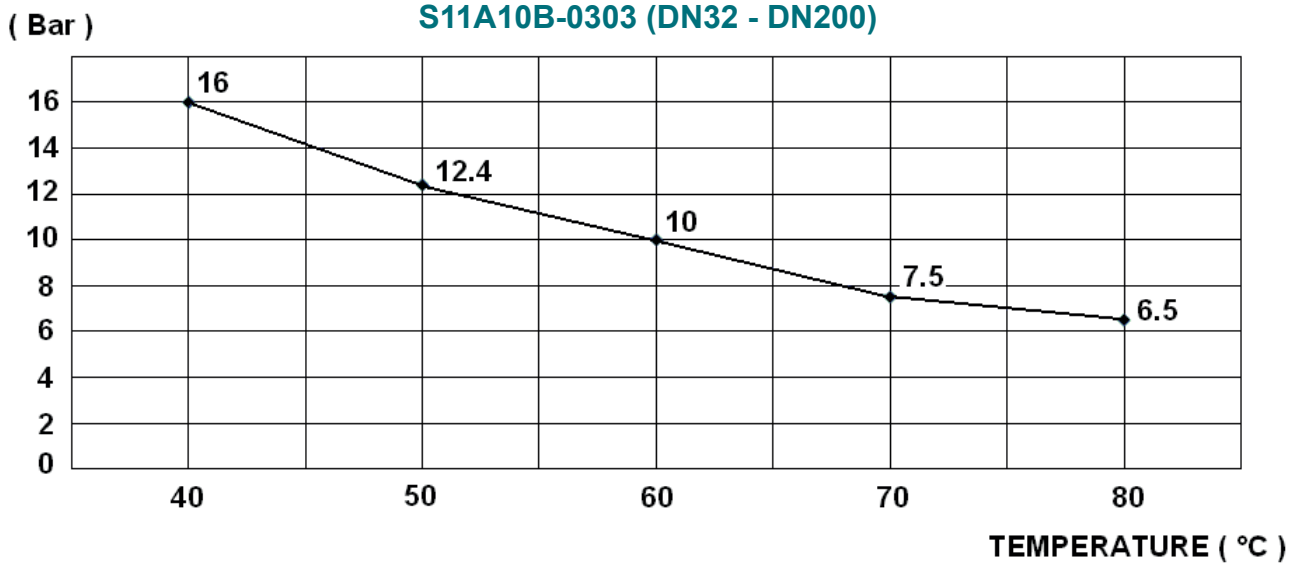
Subject to changes

PT*:

S11A10E-0303 (DN32 - DN300)



S11A10B-0303 (DN32 - DN200)



* The values listed above are NOT applicable for steam

Subject to changes