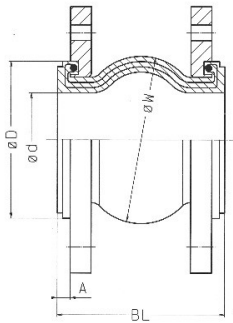




## Rubber expansion joint with lap joint flanges



**BOA Flex**

**Type 314-U-D-Nitrile**



Untied rubber expansion joint with lap joint flanges.  
Suitable for axial, lateral and angular movement  
or vibration damping.

**Materials:**

Bellows: Inner layer Nitrile / Outer layer EPDM  
Cord layers: Nylon  
Flanges: Carbon steel, galvanised

**Allowable working conditions:**

Working pressure (PN): 16 bar  
Vacuum: Pa 0,9 bar  
Temperature: -10°C to 80°C  
Test pressure: 1,5 times working pressure

**Bellows color marking:** Yellow Bellows: Nitrile

(Photo shows EPDM label)

**Pressure reduction:**

Up to 30 °C : 100 % PN  
From 30 °C to 60 °C: max. 10 bar  
From 60 °C to 80 °C: max. 6,5 bar

DN	Flange PN	Overall length	Nominal Movement				A	Ø W	Ø d +/- 5 mm	Ø D +/- 1 mm	Article-Nr.	Weight
			Axial		Lateral	Angular						
			Compression	Extension	+ / -	+ / -						
		[mm]	[mm]	[mm]	[mm]	[°]	[mm]	[mm]	[mm]	[mm]	Nitril	[kg]
<b>32</b>	10/16	150	16	12	12	15	6	67	32	70	60000 92858	2,8
<b>40</b>	10/16	150	16	12	12	15	6,5	77	40	78	60000 92859	3,05
<b>50</b>	10/16	150	16	12	12	15	5,5	86	50	90	60000 92860	4,18
<b>65</b>	10/16	150	16	12	12	15	5,5	104	65	108	60000 92861	4,94
<b>80</b>	10/16	150	16	12	12	15	5,5	119	80	123	60000 92862	5,66
<b>100</b>	10/16	150	16	12	12	15	7,5	140	100	147	60000 92863	6,82
<b>125</b>	10/16	150	16	12	12	15	7,5	168	125	180	60000 92864	9,36
<b>150</b>	10/16	150	16	12	12	15	8	196	150	211	60000 92865	11,14
<b>200</b>	10	150	16	12	12	15	9	256	200	260	60000 92866	15,64
<b>250</b>	10	200	12	19	19	15	9	306	250	320	60000 92868	21,28
<b>300</b>	10	200	12	19	19	15	9,5	398	300	368	60000 92870	24,86

Changes to dimensions and construction are reserved.  
Larger diameters on request