

Axial Bellows Compensator
DN 15-50



Specification

- Rated to 20 BarG
- Vacuum-proof axial compensator consisting of a stainless steel bellows and threaded connection parts
- Connection male BSPT thread
- With internal flow sleeve
- ± 12.5 mm movement (25 mm total movement)

Pressure rating 20 Bar

DN	Length (mm)	Total Axial Movement (mm)	Axial Spring Rate N/mm	Effective bellows cross sectional area (cm ²)	Bellows outer dia. mm	Length of Thread (mm)	Weight approx. (kg)
15	200	± 12.5	17	5	25	20	0.25
20	200	± 12.5	14	8	30	20	0.35
25	200	± 12.5	18	11	38	20	0.60
32	210	± 12.5	15	18	48	20	0.80
40	220	± 12.5	19	22	54	20	1.00
50	250	± 12.5	38	37	72	20	1.60

Materials

- Male Threaded Ends BSPT in AISI 304 Stainless Steel
- Inner Sleeve in AISI 304 Stainless Steel
- Bellows Element in AISI 321 Stainless Steel

Applications

- For compensating for axial movement
- For installation in -
 - Heating & Chilled Water systems
 - Hot Water systems

Axial Bellows Compensator
DN 15-50

**Specification**

- Rated to 20 BarG
- Vacuum-proof axial compensator consisting of a stainless steel bellows and threaded connection parts
- Connection male BSPT thread
- With internal flow sleeve
- ± 25 mm movement (50 mm total movement)

Pressure rating 20 Bar

DN	Length (mm)	Total Axial Movement (mm)	Axial Spring Rate N/mm	Effective bellows cross sectional area (cm ²)	Bellows outer dia. mm	Length of Thread (mm)	Weight approx. (kg)
15	330	± 25	17	5	25	20	0.30
20	330	± 25	14	8	30	20	0.35
25	330	± 25	18	11	38	20	0.60
32	340	± 25	15	18	48	20	1.00
40	340	± 25	19	22	54	20	1.10
50	370	± 25	38	37	72	20	1.80

Materials

- Male Threaded Ends BSPT in AISI 304 Stainless Steel
- Inner Sleeve in AISI 304 Stainless Steel
- Bellows Element in AISI 321 Stainless Steel

Applications

- For compensating for axial movement
- For installation in -
 - Heating & Chilled Water systems
 - Hot Water systems