



## How to Specify Bellows / Design Specification Questionnaire

PTFE Bellows need to be specified accurately to perform safely and have a long life.

Beyond the basics of nominal bore size, media, temperature and pressure, the movements required by the bellows are critical. Beside diameter and media, operating pressure & temperature, as well as required movements are most important. The individual data sheets for each bellows size provide this data for our standard products. If this does not suit your need then please contact us with the information below. Fields in blue indicate the standard product.

Customer Name  Media

### Operational Information

Min. Operating Temperature	<input type="text"/> °C	Max. Operating Temperature	<input type="text"/> °C
Min. Operating Pressure	<input type="text"/> bar (g)	Max. Operating Pressure	<input type="text"/> bar (g)
Vacuum	<input type="text"/> bar (g)	Bellows Nominal Bore	<input type="text"/> mm

### Mechanical Requirements

Nominal Length	<input type="text"/> mm	Axial Movement	<input type="text"/> mm
		Lateral Movement	<input type="text"/> mm
		Angular Movement	<input type="text"/> °

Are these movements ever combined at the same time? If so please identify the maximum combined movements.

Axial Movement	<input type="text"/> mm
Lateral Movement	<input type="text"/> mm
Angular Movement	<input type="text"/> °

### Bellows Type

Standard 3 Convolutions Bellows	<input checked="" type="checkbox"/>	Number of Convolutions	<input type="text"/>
Armoured PTFE Bellows	<input type="checkbox"/>		

### FluroFlon® PTFE

FluroFlon® Virgin PTFE	<input checked="" type="checkbox"/>	FluroFlon® Static-Dissipating PTFE	<input type="checkbox"/>
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### Flange Material

Carbon Steel, High Temp. Paint	<input checked="" type="checkbox"/>	Stainless Steel	<input type="checkbox"/>	Other	<input type="text"/>
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### Flange Drilling

ASME B16.5 Class 150	<input type="checkbox"/>	DIN PN10	<input type="checkbox"/>	Other	<input type="text"/>
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### Tie Rods

Carbon Steel, Zinc Plated	<input checked="" type="checkbox"/>	Stainless Steel	<input type="checkbox"/>	Other	<input type="text"/>
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### Root Rings

Stainless Steel	<input checked="" type="checkbox"/>	Hastelloy	<input type="checkbox"/>	Other	<input type="text"/>
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### Internal Root Rings

Stainless Steel & PFA Coating	<input type="checkbox"/>	Hastelloy	<input type="checkbox"/>	Other	<input type="text"/>
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### Options

Hinged Bellows	<input type="checkbox"/>	Lateral Bellows	<input type="checkbox"/>	Smoothbore Sleeve	<input type="checkbox"/>	Safety Shield	<input checked="" type="checkbox"/>
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Other Remarks

### Certification

Certification EN10204 Type 2.2	<input checked="" type="checkbox"/>	Certification EN10204 Type 3.1	<input type="checkbox"/>
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