

Crossflon® XF Machined Bellows



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The exceptional properties of PTFE have opened up many new opportunities across all aspects of industry. Beldam Crossley Crossflon® XF machined bellows are specified for highly-corrosive systems and for low and high temperature applications, for solvents, lubricants and food applications.

Advantages

- Chemically inert
- Does not age
- Operating temperature range of between -200°C and 200°C
- Unaffected by virtually all liquids and gases*

* Apart from fluorine and molten alkali metals



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For the most demanding industrial applications



Type 'M' Bellows

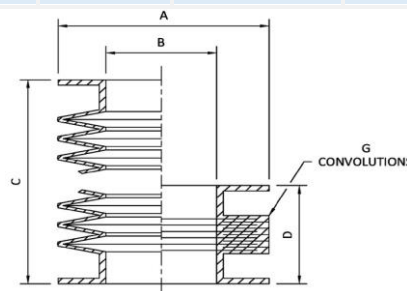
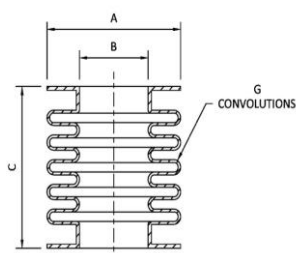
Standard type 'M' bellows are produced by machining the convolutions from stock PTFE core. Because of their durability, high strength and pressure resistance, these bellows are ideally suited for mechanical seal elements and on glass pipe liners.

Type 'V' Bellows

Standard 'V' bellow convolutions are cut into the core instead of being machined. Although they have greater flexibility for a given length, they have a lower pressure rating. 'V' bellows are used to absorb vibration, to correct misalignment and to protect other components from dirt and splashing. On low pressure pipelines they absorb expansion and provide a long working life.

"M" Bellows (Dimensions in mm)					
Pipe size DN	O/D (A)	I/D (B)	Free length (C)	Convolutions (G)	Pressure Rating (Bar)
15	25	15	100	6	12.5
25	45	25	105	6	7
40	60	40	105	6	5.2
50	75	50	125	6	4.2
80	105	80	125	6	3
100	140	100	125	6	2.3
150	190	150	135	6	1.7
200	250	200	135	6	1.3

"V" Bellows (Dimensions in mm)					
Pipe size DN	O/D (A)	I/D (B)	Extension (C-D)	Convolutions (G)	Pressure Rating (Bar)
15	30	15	8	7	5
25	50	25	25	7	3
40	65	40	24	7	2.3
50	80	50	28	6	1.8
80	110	80	30	6	1.3
100	150	100	45	5	1
150	200	150	45	5	0.7
200	270	200	70	5	0.5



Custom Made Bellows

A full and comprehensive range of non-standard type bellows can be supplied. These include plug bellows for use in process plant valve and stainless steel/PTFE composite bottom outlet bellow units for use in chemical reaction vessels.

For more information contact us on:

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