

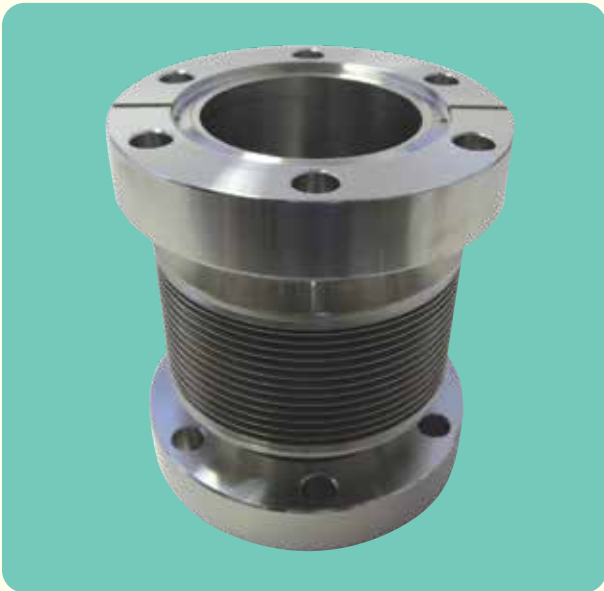
Bellows & Flexible Hoses



LewVac supplies flexible stainless steel hoses for use in applications where solid tube would not be practical or for purposes of vibration isolation. These hoses are manufactured from thin wall tube which is corrugated to allow flexing in all directions, along with a small amount of axial compression and extension. Also available are reinforced PVC hoses for backing or exhaust lines.

For applications which require greater flexibility, particularly axial compression and extension, LewVac offer a range of edge welded bellows. Edge welded bellows are manufactured from a series of formed metal diaphragms welded together, each diaphragm contributing to the overall extension allowable, so the more discs the greater the extension attainable and also the greater the lateral offset achievable.

Edge Welded Bellows



Specifications:

Material

Flanges	304 or 304L St.St.
Bellows	316L St.St.

Temperature Range

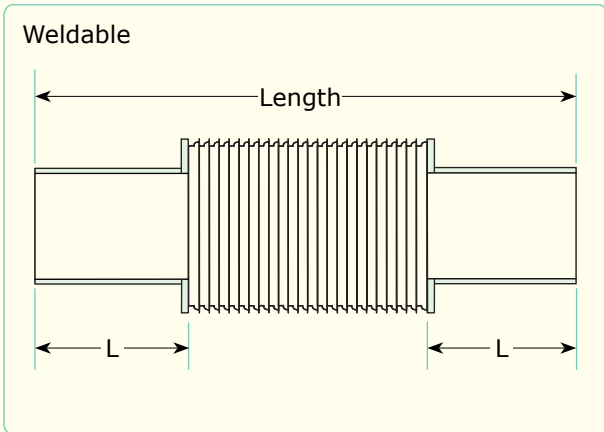
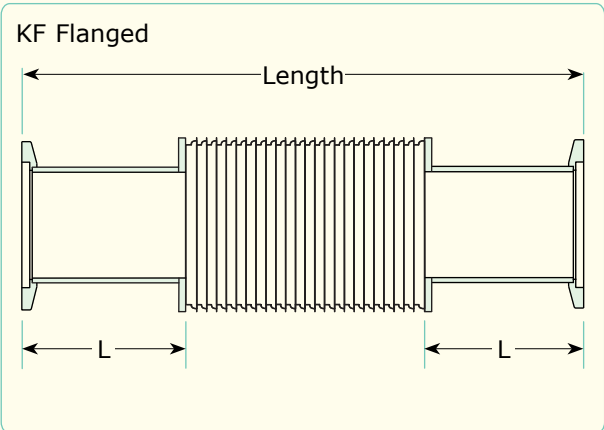
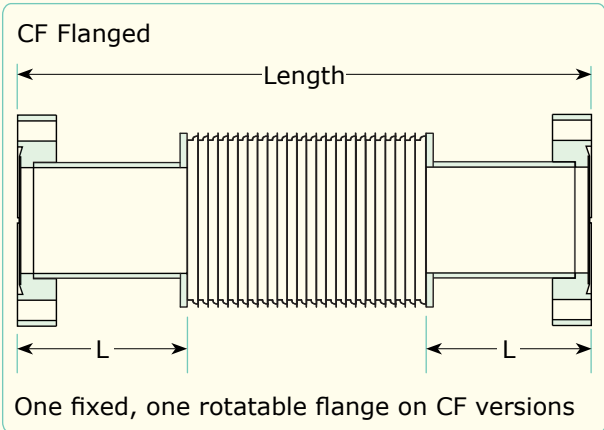
Operating	Ambient
Bakeout	Max. 80°C
(Higher temperature versions available)	

Vacuum Range

CF flanged / weldable	To below 1 x 10 ⁻¹¹ Torr
KF & LF flanged	To below 1 x 10 ⁻⁸ Torr

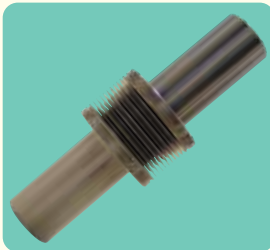
Features:

- 316L stainless steel as standard for lower cycle requirement applications (typically 10,000 cycles).
- AM350 stainless steel also available for long lifetime (typically 500,000 cycles).
- Titanium, Inconel® or Hastelloy® available on request.
- Custom sizes and designs available upon request.



All dimensions are nominal in millimetres unless otherwise specified

DN16



Flange Type	Through Bore	Bellow OD	Stroke	Ext Length	Comp Length	L	Part Code	Price £	Price €
CF	16.0	31.5	10	44.1	54.1	20.0	EWB16CF-10	POA	POA
CF	16.0	31.5	20	48.2	68.2	20.0	EWB16CF-20	POA	POA
CF	16.0	31.5	30	52.3	82.3	20.0	EWB16CF-30	POA	POA
CF	16.0	31.5	40	56.4	96.4	20.0	EWB16CF-40	POA	POA
CF	16.0	31.5	50	60.5	110.5	20.0	EWB16CF-50	POA	POA
CF	16.0	31.5	60	64.6	124.6	20.0	EWB16CF-60	POA	POA
CF	16.0	31.5	70	68.7	138.7	20.0	EWB16CF-70	POA	POA
CF	16.0	31.5	80	72.8	152.8	20.0	EWB16CF-80	POA	POA
KF	16.0	31.5	10	32.1	42.1	14.0	EWB16KF-10	POA	POA
KF	16.0	31.5	20	36.2	56.2	14.0	EWB16KF-20	POA	POA
KF	16.0	31.5	30	40.3	70.3	14.0	EWB16KF-30	POA	POA
KF	16.0	31.5	40	44.4	84.4	14.0	EWB16KF-40	POA	POA
KF	16.0	31.5	50	48.5	98.5	14.0	EWB16KF-50	POA	POA
KF	16.0	31.5	60	52.6	112.6	14.0	EWB16KF-60	POA	POA
KF	16.0	31.5	70	56.7	126.7	14.0	EWB16KF-70	POA	POA
KF	16.0	31.5	80	60.8	140.8	14.0	EWB16KF-80	POA	POA
Weldable	16.0	31.5	10	68.1	78.1	32.0	EWB16W-10	POA	POA
Weldable	16.0	31.5	20	72.2	92.2	32.0	EWB16W-20	POA	POA
Weldable	16.0	31.5	30	76.3	106.3	32.0	EWB16W-30	POA	POA
Weldable	16.0	31.5	40	80.4	120.4	32.0	EWB16W-40	POA	POA
Weldable	16.0	31.5	50	84.5	134.5	32.0	EWB16W-50	POA	POA
Weldable	16.0	31.5	60	88.6	148.6	32.0	EWB16W-60	POA	POA
Weldable	16.0	31.5	70	92.7	162.7	32.0	EWB16W-70	POA	POA
Weldable	16.0	31.5	80	96.8	176.8	32.0	EWB16W-80	POA	POA

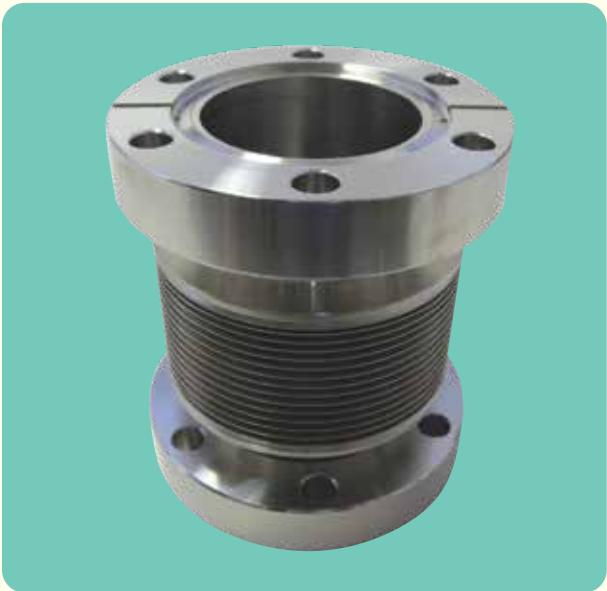
DN25



Flange Type	Through Bore	Bellow OD	Stroke	Ext Length	Comp Length	L	Part Code	Price £	Price €
CF	26.0	46.0	10	60.7	70.7	29.0	EWB25CF-10	POA	POA
CF	26.0	46.0	20	63.4	83.4	29.0	EWB25CF-20	POA	POA
CF	26.0	46.0	30	66.1	96.1	29.0	EWB25CF-30	POA	POA
CF	26.0	46.0	40	68.8	108.8	29.0	EWB25CF-40	POA	POA
CF	26.0	46.0	50	71.5	121.5	29.0	EWB25CF-50	POA	POA
CF	26.0	46.0	60	74.2	134.2	29.0	EWB25CF-60	POA	POA
CF	26.0	46.0	70	76.9	146.9	29.0	EWB25CF-70	POA	POA
CF	26.0	46.0	80	79.6	159.6	29.0	EWB25CF-80	POA	POA
KF	26.0	46.0	10	30.7	40.7	14.0	EWB25KF-10	POA	POA
KF	26.0	46.0	20	33.4	53.4	14.0	EWB25KF-20	POA	POA
KF	26.0	46.0	30	36.1	66.1	14.0	EWB25KF-30	POA	POA
KF	26.0	46.0	40	38.8	78.8	14.0	EWB25KF-40	POA	POA
KF	26.0	46.0	50	41.5	91.5	14.0	EWB25KF-50	POA	POA
KF	26.0	46.0	60	44.2	104.2	14.0	EWB25KF-60	POA	POA
KF	26.0	46.0	70	46.9	116.9	14.0	EWB25KF-70	POA	POA
KF	26.0	46.0	80	49.6	129.6	14.0	EWB25KF-80	POA	POA
Weldable	26.0	46.0	10	82.7	92.7	40.0	EWB25W-10	POA	POA
Weldable	26.0	46.0	20	85.4	105.4	40.0	EWB25W-20	POA	POA
Weldable	26.0	46.0	30	88.1	118.1	40.0	EWB25W-30	POA	POA
Weldable	26.0	46.0	40	90.8	130.8	40.0	EWB25W-40	POA	POA
Weldable	26.0	46.0	50	93.5	143.5	40.0	EWB25W-50	POA	POA
Weldable	26.0	46.0	60	96.2	156.2	40.0	EWB25W-60	POA	POA
Weldable	26.0	46.0	70	98.9	168.9	40.0	EWB25W-70	POA	POA
Weldable	26.0	46.0	80	101.6	181.6	40.0	EWB25W-80	POA	POA

All dimensions are nominal in millimetres unless otherwise specified

Edge Welded Bellows



Specifications:

Material

Flanges 304 or 304L St.St.
Bellows 316L St.St.

Temperature Range

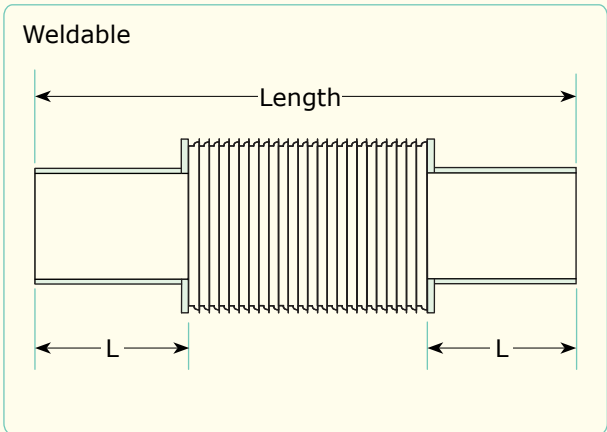
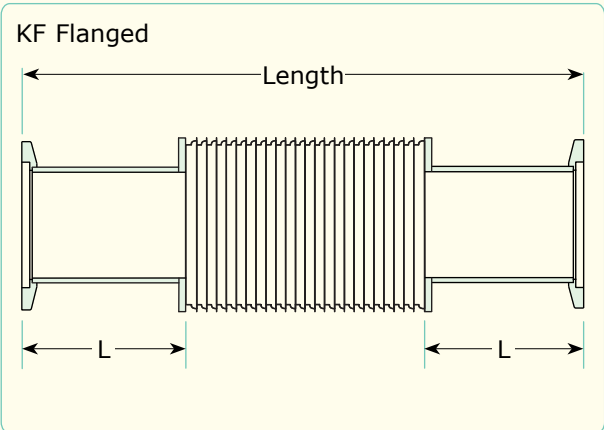
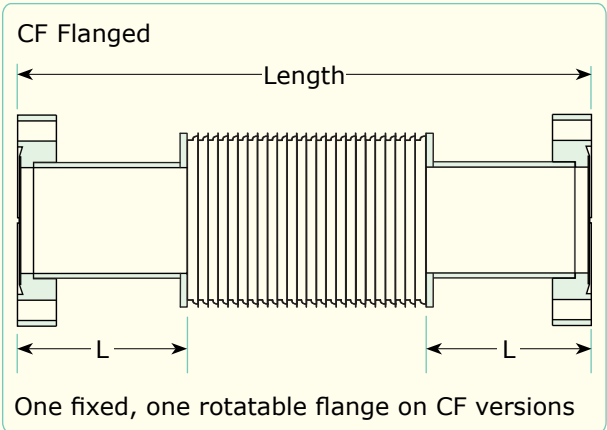
Operating Ambient
Bakeout Max. 80°C
(Higher temperature versions available)

Vacuum Range

CF flanged / weldable To below 1 x 10⁻¹¹ Torr
KF & LF flanged To below 1 x 10⁻⁸ Torr

Features:

- 316L stainless steel as standard for lower cycle requirement applications (typically 10,000 cycles).
- AM350 stainless steel also available for long lifetime (typically 500,000 cycles).
- Titanium, Inconel® or Hastelloy® available on request.
- Custom sizes and designs available upon request.



All dimensions are nominal in millimetres unless otherwise specified

DN40



Flange Type	Through Bore	Bellow OD	Stroke	Ext Length	Comp Length	L	Part Code	Price £	Price €
CF	39.0	59.0	10	60.5	70.5	29.0	EWB40CF-10	POA	POA
CF	39.0	59.0	20	63.0	83.0	29.0	EWB40CF-20	POA	POA
CF	39.0	59.0	30	65.5	95.5	29.0	EWB40CF-30	POA	POA
CF	39.0	59.0	40	68.0	108.0	29.0	EWB40CF-40	POA	POA
CF	39.0	59.0	50	70.5	120.5	29.0	EWB40CF-50	POA	POA
CF	39.0	59.0	60	73.0	133.0	29.0	EWB40CF-60	POA	POA
CF	39.0	59.0	70	75.5	145.5	29.0	EWB40CF-70	POA	POA
CF	39.0	59.0	80	78.0	158.0	29.0	EWB40CF-80	POA	POA
KF	39.0	59.0	10	32.5	42.5	15.0	EWB40KF-10	POA	POA
KF	39.0	59.0	20	35.0	55.0	15.0	EWB40KF-20	POA	POA
KF	39.0	59.0	30	37.5	67.5	15.0	EWB40KF-30	POA	POA
KF	39.0	59.0	40	40.0	80.0	15.0	EWB40KF-40	POA	POA
KF	39.0	59.0	50	42.5	92.5	15.0	EWB40KF-50	POA	POA
KF	39.0	59.0	60	45.0	105.0	15.0	EWB40KF-60	POA	POA
KF	39.0	59.0	70	47.5	117.5	15.0	EWB40KF-70	POA	POA
KF	39.0	59.0	80	50.0	130.0	15.0	EWB40KF-80	POA	POA
Weldable	39.0	59.0	10	103.5	113.5	50.5	EWB40W-10	POA	POA
Weldable	39.0	59.0	20	106.0	126.0	50.5	EWB40W-20	POA	POA
Weldable	39.0	59.0	30	108.5	138.5	50.5	EWB40W-30	POA	POA
Weldable	39.0	59.0	40	111.0	151.0	50.5	EWB40W-40	POA	POA
Weldable	39.0	59.0	50	113.5	163.5	50.5	EWB40W-50	POA	POA
Weldable	39.0	59.0	60	116.0	176.0	50.5	EWB40W-60	POA	POA
Weldable	39.0	59.0	70	118.5	188.5	50.5	EWB40W-70	POA	POA
Weldable	39.0	59.0	80	121.0	201.0	50.5	EWB40W-80	POA	POA

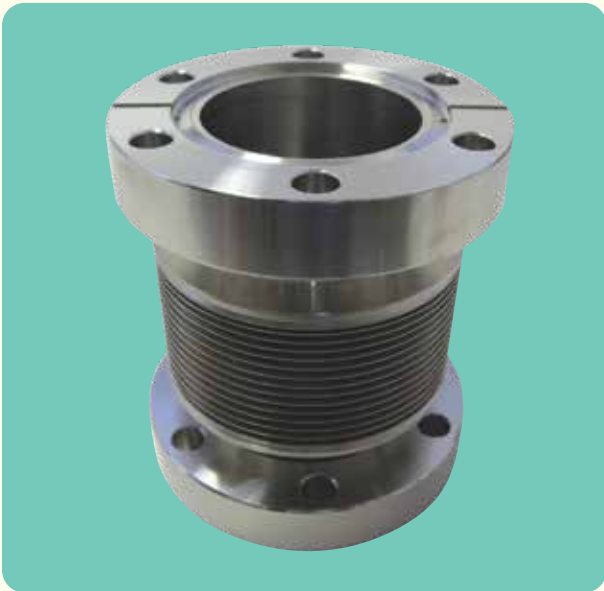
DN50



Flange Type	Through Bore	Bellow OD	Stroke	Ext Length	Comp Length	L	Part Code	Price £	Price €
CF	51.0	76.0	10	71.0	81.0	34.5	EWB50CF-10	POA	POA
CF	51.0	76.0	20	73.0	93.0	34.5	EWB50CF-20	POA	POA
CF	51.0	76.0	30	75.0	105.0	34.5	EWB50CF-30	POA	POA
CF	51.0	76.0	40	77.0	117.0	34.5	EWB50CF-40	POA	POA
CF	51.0	76.0	50	79.0	129.0	34.5	EWB50CF-50	POA	POA
CF	51.0	76.0	60	81.0	141.0	34.5	EWB50CF-60	POA	POA
CF	51.0	76.0	70	83.0	153.0	34.5	EWB50CF-70	POA	POA
CF	51.0	76.0	80	85.0	165.0	34.5	EWB50CF-80	POA	POA
KF	51.0	76.0	10	39.0	49.0	18.5	EWB50KF-10	POA	POA
KF	51.0	76.0	20	41.0	61.0	18.5	EWB50KF-20	POA	POA
KF	51.0	76.0	30	43.0	73.0	18.5	EWB50KF-30	POA	POA
KF	51.0	76.0	40	45.0	85.0	18.5	EWB50KF-40	POA	POA
KF	51.0	76.0	50	47.0	97.0	18.5	EWB50KF-50	POA	POA
KF	51.0	76.0	60	49.0	109.0	18.5	EWB50KF-60	POA	POA
KF	51.0	76.0	70	51.0	121.0	18.5	EWB50KF-70	POA	POA
KF	51.0	76.0	80	53.0	133.0	18.5	EWB50KF-80	POA	POA
Weldable	51.0	76.0	10	122.0	132.0	60.0	EWB50W-10	POA	POA
Weldable	51.0	76.0	20	124.0	144.0	60.0	EWB50W-20	POA	POA
Weldable	51.0	76.0	30	126.0	156.0	60.0	EWB50W-30	POA	POA
Weldable	51.0	76.0	40	128.0	168.0	60.0	EWB50W-40	POA	POA
Weldable	51.0	76.0	50	130.0	180.0	60.0	EWB50W-50	POA	POA
Weldable	51.0	76.0	60	132.0	192.0	60.0	EWB50W-60	POA	POA
Weldable	51.0	76.0	70	134.0	204.0	60.0	EWB50W-70	POA	POA
Weldable	51.0	76.0	80	136.0	216.0	60.0	EWB50W-80	POA	POA

All dimensions are nominal in millimetres unless otherwise specified

Edge Welded Bellows



Specifications:

Material

Flanges	304 or 304L St.St.
Bellows	316L St.St.

Temperature Range

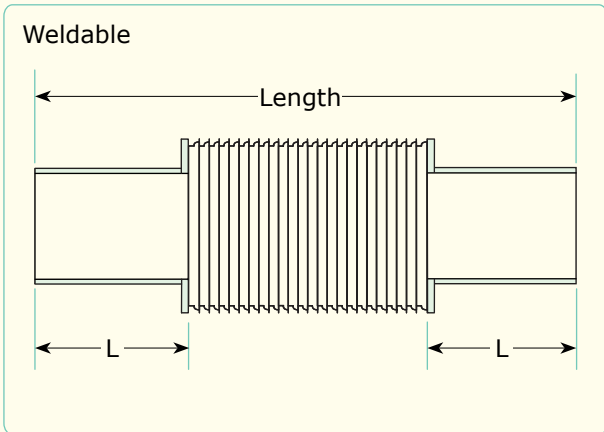
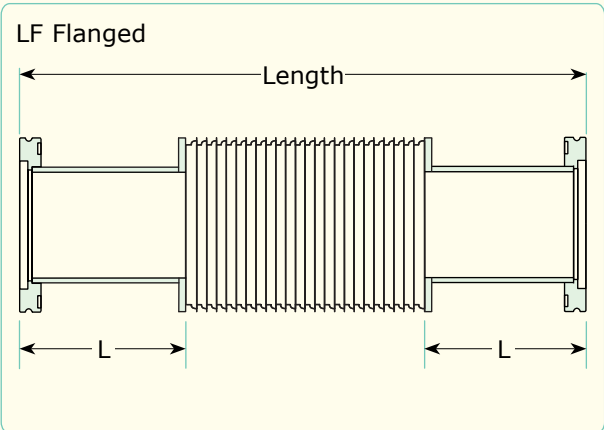
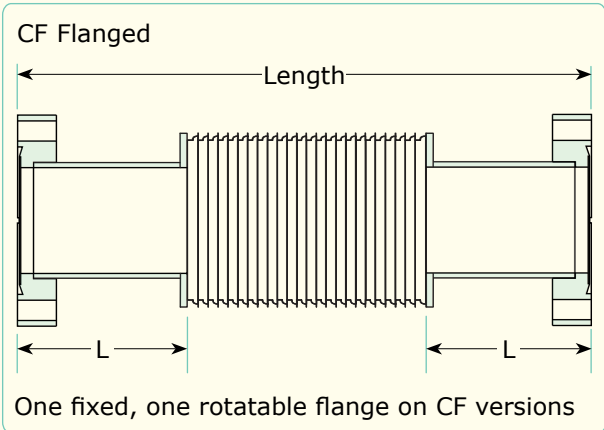
Operating	Ambient
Bakeout	Max. 80°C
(Higher temperature versions available)	

Vacuum Range

CF flanged / weldable	To below 1 x 10 ⁻¹¹ Torr
KF & LF flanged	To below 1 x 10 ⁻⁸ Torr

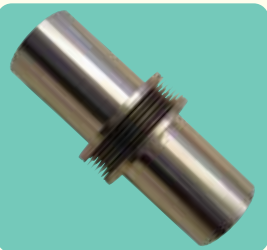
Features:

- 316L stainless steel as standard for lower cycle requirement applications (typically 10,000 cycles).
- AM350 stainless steel also available for long lifetime (typically 500,000 cycles).
- Titanium, Inconel® or Hastelloy® available on request.
- Custom sizes and designs available upon request.



All dimensions are nominal in millimetres unless otherwise specified

DN63



Flange Type	Through Bore	Bellow OD	Stroke	Ext Length	Comp Length	L	Part Code	Price £	Price €
CF	65.0	90.0	10	74.0	84.0	36.0	EWB63CF-10	POA	POA
CF	65.0	90.0	20	76.0	96.0	36.0	EWB63CF-20	POA	POA
CF	65.0	90.0	30	78.0	108.0	36.0	EWB63CF-30	POA	POA
CF	65.0	90.0	40	80.0	120.0	36.0	EWB63CF-40	POA	POA
CF	65.0	90.0	50	82.0	132.0	36.0	EWB63CF-50	POA	POA
CF	65.0	90.0	60	84.0	144.0	36.0	EWB63CF-60	POA	POA
CF	65.0	90.0	70	86.0	156.0	36.0	EWB63CF-70	POA	POA
CF	65.0	90.0	80	88.0	168.0	36.0	EWB63CF-80	POA	POA
LF	65.0	90.0	10	82.0	92.0	40.0	EWB63LF-10	POA	POA
LF	65.0	90.0	20	84.0	104.0	40.0	EWB63LF-20	POA	POA
LF	65.0	90.0	30	86.0	116.0	40.0	EWB63LF-30	POA	POA
LF	65.0	90.0	40	88.0	128.0	40.0	EWB63LF-40	POA	POA
LF	65.0	90.0	50	90.0	140.0	40.0	EWB63LF-50	POA	POA
LF	65.0	90.0	60	92.0	152.0	40.0	EWB63LF-60	POA	POA
LF	65.0	90.0	70	94.0	164.0	40.0	EWB63LF-70	POA	POA
LF	65.0	90.0	80	96.0	176.0	40.0	EWB63LF-80	POA	POA
Weldable	65.0	90.0	10	152.0	162.0	75.0	EWB63W-10	POA	POA
Weldable	65.0	90.0	20	154.0	174.0	75.0	EWB63W-20	POA	POA
Weldable	65.0	90.0	30	156.0	186.0	75.0	EWB63W-30	POA	POA
Weldable	65.0	90.0	40	158.0	198.0	75.0	EWB63W-40	POA	POA
Weldable	65.0	90.0	50	160.0	210.0	75.0	EWB63W-50	POA	POA
Weldable	65.0	90.0	60	162.0	222.0	75.0	EWB63W-60	POA	POA
Weldable	65.0	90.0	70	164.0	234.0	75.0	EWB63W-70	POA	POA
Weldable	65.0	90.0	80	166.0	246.0	75.0	EWB63W-80	POA	POA

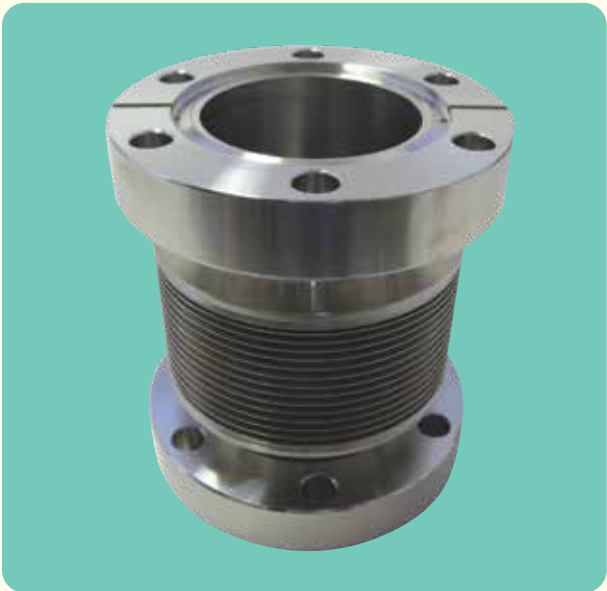
DN100



Flange Type	Through Bore	Bellow OD	Stroke	Ext Length	Comp Length	L	Part Code	Price £	Price €
CF	102.0	132.0	20	86.2	106.2	41.0	EWB100CF-20	POA	POA
CF	102.0	132.0	40	90.4	130.4	41.0	EWB100CF-40	POA	POA
CF	102.0	132.0	60	94.6	154.6	41.0	EWB100CF-60	POA	POA
CF	102.0	132.0	80	98.9	178.8	41.0	EWB100CF-80	POA	POA
CF	102.0	132.0	100	103.0	203.0	41.0	EWB100CF-100	POA	POA
CF	102.0	132.0	120	107.2	227.2	41.0	EWB100CF-120	POA	POA
LF	102.0	132.0	20	84.2	104.2	40.0	EWB100LF-20	POA	POA
LF	102.0	132.0	40	88.4	128.4	40.0	EWB100LF-40	POA	POA
LF	102.0	132.0	60	92.6	152.6	40.0	EWB100LF-60	POA	POA
LF	102.0	132.0	80	96.8	176.8	40.0	EWB100LF-80	POA	POA
LF	102.0	132.0	100	101.0	201.0	40.0	EWB100LF-100	POA	POA
LF	102.0	132.0	120	105.2	225.2	40.0	EWB100LF-120	POA	POA
Weldable	102.0	132.0	20	154.2	174.2	75.0	EWB100W-20	POA	POA
Weldable	102.0	132.0	40	158.4	198.4	75.0	EWB100W-40	POA	POA
Weldable	102.0	132.0	60	162.6	222.6	75.0	EWB100W-60	POA	POA
Weldable	102.0	132.0	80	166.8	246.8	75.0	EWB100W-80	POA	POA
Weldable	102.0	132.0	100	171.0	271.0	75.0	EWB100W-100	POA	POA
Weldable	102.0	132.0	120	175.2	295.2	75.0	EWB100W-120	POA	POA

All dimensions are nominal in millimetres unless otherwise specified

Edge Welded Bellows



Specifications:

Material

Flanges	304 or 304L St.St.
Bellows	316L St.St.

Temperature Range

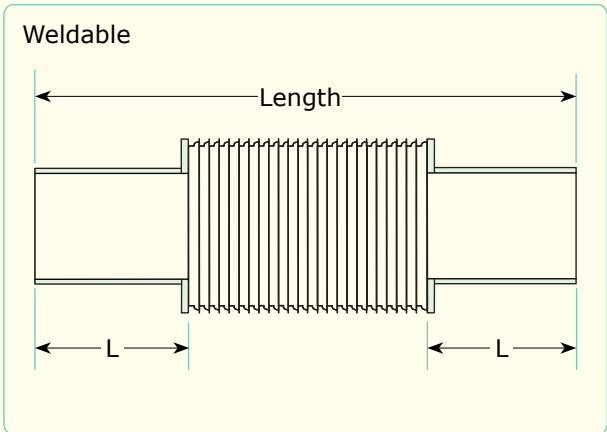
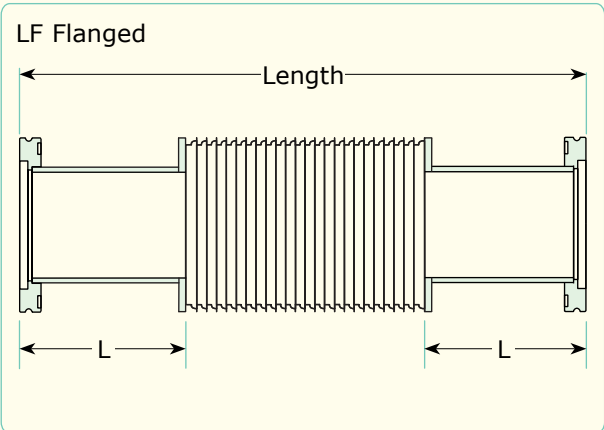
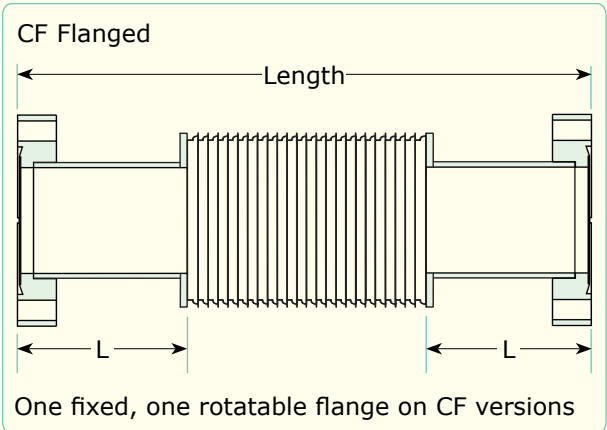
Operating	Ambient
Bakeout	Max. 80°C
(Higher temperature versions available)	

Vacuum Range

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KF & LF flanged	To below 1 x 10 ⁻⁸ Torr

Features:

- 316L stainless steel as standard for lower cycle requirement applications (typically 10,000 cycles).
- AM350 stainless steel also available for long lifetime (typically 500,000 cycles).
- Titanium, Inconel® or Hastelloy® available on request.
- Custom sizes and designs available upon request.



All dimensions are nominal in millimetres unless otherwise specified

DN160



Flange Type	Through Bore	Bellow OD	Stroke	Ext Length	Comp Length	L	Part Code	Price £	Price €
CF	150.0	185.0	20	90.5	110.5	43.0	EWB160CF-20	POA	POA
CF	150.0	185.0	40	95.0	135.0	43.0	EWB160CF-40	POA	POA
CF	150.0	185.0	60	99.5	159.5	43.0	EWB160CF-60	POA	POA
CF	150.0	185.0	80	104.0	184.0	43.0	EWB160CF-80	POA	POA
CF	150.0	185.0	100	108.5	208.5	43.0	EWB160CF-100	POA	POA
CF	150.0	185.0	120	113.0	233.0	43.0	EWB160CF-120	POA	POA
LF	150.0	185.0	20	92.5	112.5	44.0	EWB160LF-20	POA	POA
LF	150.0	185.0	40	97.0	137.0	44.0	EWB160LF-40	POA	POA
LF	150.0	185.0	60	101.5	161.5	44.0	EWB160LF-60	POA	POA
LF	150.0	185.0	80	106.0	186.0	44.0	EWB160LF-80	POA	POA
LF	150.0	185.0	100	110.5	210.5	44.0	EWB160LF-100	POA	POA
LF	150.0	185.0	120	115.0	235.0	44.0	EWB160LF-120	POA	POA
Weldable	150.0	185.0	20	186.5	206.5	91.0	EWB160W-20	POA	POA
Weldable	150.0	185.0	40	191.0	231.0	91.0	EWB160W-40	POA	POA
Weldable	150.0	185.0	60	195.5	255.5	91.0	EWB160W-60	POA	POA
Weldable	150.0	185.0	80	200.0	280.0	91.0	EWB160W-80	POA	POA
Weldable	150.0	185.0	100	204.5	304.5	91.0	EWB160W-100	POA	POA
Weldable	150.0	185.0	120	209.0	329.0	91.0	EWB160W-120	POA	POA

DN200



Flange Type	Through Bore	Bellow OD	Stroke	Ext Length	Comp Length	L	Part Code	Price £	Price €
CF	200.0	235.0	20	105.5	125.5	50.5	EWB200CF-20	POA	POA
CF	200.0	235.0	40	110.0	150.0	50.5	EWB200CF-40	POA	POA
CF	200.0	235.0	60	114.5	174.5	50.5	EWB200CF-60	POA	POA
CF	200.0	235.0	80	119.0	199.0	50.5	EWB200CF-80	POA	POA
CF	200.0	235.0	100	123.5	223.5	50.5	EWB200CF-100	POA	POA
CF	200.0	235.0	120	128.0	248.0	50.5	EWB200CF-120	POA	POA
LF	200.0	235.0	20	92.5	112.5	44.0	EWB200LF-20	POA	POA
LF	200.0	235.0	40	97.0	137.0	44.0	EWB200LF-40	POA	POA
LF	200.0	235.0	60	101.5	161.5	44.0	EWB200LF-60	POA	POA
LF	200.0	235.0	80	106.0	186.0	44.0	EWB200LF-80	POA	POA
LF	200.0	235.0	100	110.5	210.5	44.0	EWB200LF-100	POA	POA
LF	200.0	235.0	120	115.0	235.0	44.0	EWB200LF-120	POA	POA
Weldable	200.0	235.0	20	186.5	206.5	91.0	EWB200W-20	POA	POA
Weldable	200.0	235.0	40	191.0	231.0	91.0	EWB200W-40	POA	POA
Weldable	200.0	235.0	60	195.5	255.5	91.0	EWB200W-60	POA	POA
Weldable	200.0	235.0	80	200.0	280.0	91.0	EWB200W-80	POA	POA
Weldable	200.0	235.0	100	204.5	304.5	91.0	EWB200W-100	POA	POA
Weldable	200.0	235.0	120	209.0	329.0	91.0	EWB200W-120	POA	POA

All dimensions are nominal in millimetres unless otherwise specified

Formed Bellows - Weldable



Specifications:

Material

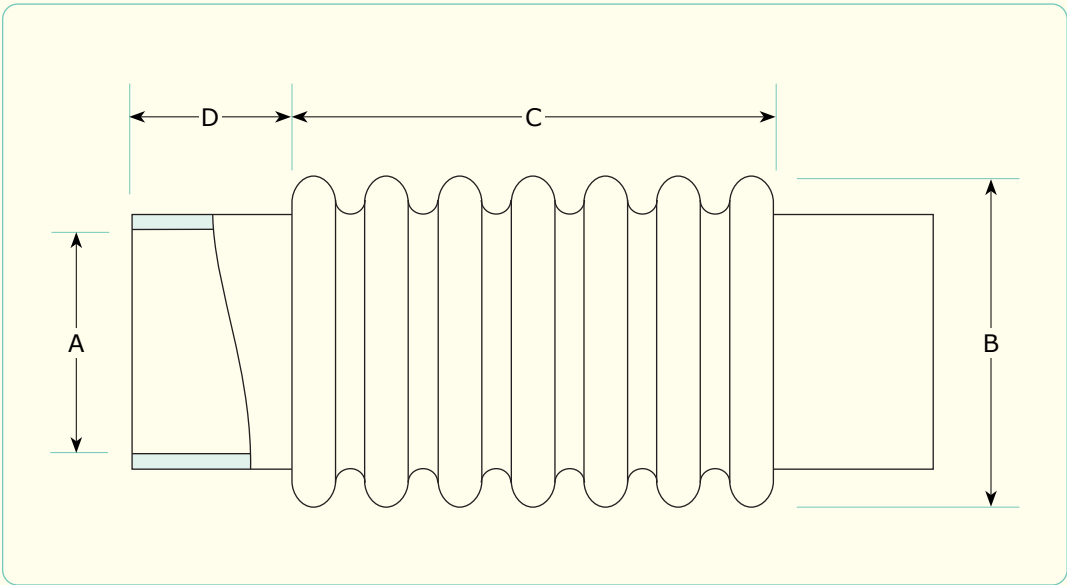
321 St.St.

Temperature Range

-250°C to 450°C

Features:

- Type 321 stainless steel as standard.
- Highly flexible.
- Flanged versions available upon request.
- Custom sizes and designs available upon request.



Weldable Formed Bellows



A	B	C	D	Wall Thickness	Axial Deflection + / -	Part Code	Price £	Price €
6.35	9.40	25.40	12.70	0.13	+2.54 / -6.35	FL-FB6.35	POA	POA
7.93	11.68	25.40	12.70	0.13	+2.54 / -6.35	FL-FB7.93	POA	POA
9.52	14.48	38.10	12.70	0.13	+3.81 / -9.40	FL-FB9.52	POA	POA
12.70	19.05	38.10	12.70	0.15	+3.81 / -9.40	FL-FB12.70	POA	POA
15.87	22.10	38.10	12.70	0.15	+3.81 / -9.40	FL-FB15.87	POA	POA
19.05	26.42	38.10	12.70	0.15	+3.81 / -9.40	FL-FB19.05	POA	POA
22.22	31.75	50.80	12.70	0.15	+5.08 / -12.70	FL-FB22.22	POA	POA
25.40	34.80	50.80	19.05	0.15	+5.08 / -12.70	FL-FB25.40	POA	POA
28.57	37.08	50.80	19.05	0.15	+5.08 / -12.70	FL-FB28.57	POA	POA
31.75	40.64	50.80	19.05	0.15	+5.08 / -12.70	FL-FB31.75	POA	POA
34.92	45.97	50.80	19.05	0.15	+5.08 / -12.70	FL-FB34.92	POA	POA
38.10	48.26	50.80	19.05	0.15	+5.08 / -12.70	FL-FB38.10	POA	POA
41.27	52.07	50.80	19.05	0.15	+5.08 / -12.70	FL-FB41.27	POA	POA
44.45	56.90	50.80	19.05	0.15	+5.08 / -12.70	FL-FB44.45	POA	POA
50.80	63.25	63.50	19.05	0.15	+6.35 / -15.24	FL-FB50.80	POA	POA
57.15	71.37	63.50	19.05	0.15	+6.35 / -15.24	FL-FB57.15	POA	POA
63.50	75.69	63.50	19.05	0.15	+6.35 / -15.24	FL-FB63.50	POA	POA
76.20	95.76	76.20	25.40	0.20	+7.62 / -19.05	FL-FB76.20	POA	POA
88.90	109.2	88.90	25.40	0.20	+8.89 / -22.10	FL-FB88.90	POA	POA
101.6	121.4	101.6	25.40	0.20	+10.16 / -25.40	FL-FB101.6	POA	POA
114.3	134.1	101.6	25.40	0.20	+10.16 / -25.40	FL-FB114.3	POA	POA
127.0	146.1	127.0	25.40	0.20	+12.7 / -31.75	FL-FB127.0	POA	POA
152.4	174.0	127.0	31.75	0.25	+12.7 / -31.75	FL-FB152.4	POA	POA
203.2	235.0	152.4	31.75	0.51	+15.25 / -38.10	FL-FB203.2	POA	POA
254.0	287.3	152.4	31.75	0.51	+15.25 / -38.10	FL-FB254.0	POA	POA
304.8	352.6	152.4	31.75	0.51	+15.25 / -38.10	FL-FB304.8	POA	POA

- Through ID of bellows is approximately 95% of cuff ID.
- Axial deflection is approximately +10% and -25% of length, C.
- Lateral deflection is approximately 10% of length, C.

Please note : A minimum order quantity may apply to some of these items. Please contact our sales office for further details.

Flexible Hoses



Specifications:

Material

Hose - 316L St.St.
Flanges - 304 St.St.

Temperature Range

CF flanged -250°C to 450°C
KF flanged -20°C to 150°C (200°C*)

Vacuum Range

CF flanged To below 1 x 10⁻¹¹ Torr
KF flanged To below 1 x 10⁻⁸ Torr

* - Increased upper limit for intermittent use.

Features:

- 316L stainless steel hose as standard.
- 304 stainless steel flanges as standard.
- Highly flexible.
- Braided versions also available.
- Custom sizes and designs available upon request.

Fig. 1.

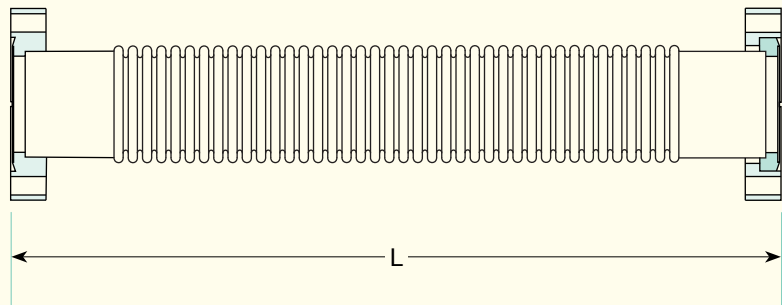
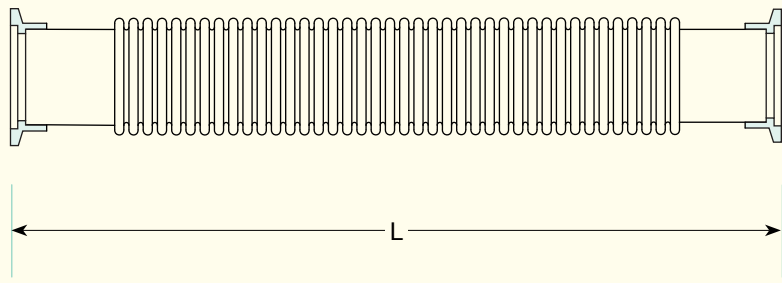


Fig. 2.



All dimensions are nominal in millimetres unless otherwise specified

CF Flanged Hoses



Braided flexible hoses are also available, please contact sales office for details.

Flange	Fig.	L	Part Code	Price £	Price €
DN16CF	1	250	FL-H250-16CF	£99	€114
DN16CF	1	500	FL-H500-16CF	£103	€119
DN16CF	1	750	FL-H750-16CF	£108	€125
DN16CF	1	1000	FL-H1000-16CF	£112	€129
DN40CF	1	250	FL-H250-40CF	£110	€127
DN40CF	1	500	FL-H500-40CF	£116	€134
DN40CF	1	750	FL-H750-40CF	£122	€141
DN40CF	1	1000	FL-H1000-40CF	£134	€155
DN63CF	1	500	FL-H500-63CF	POA	POA
DN63CF	1	750	FL-H750-63CF	POA	POA
DN63CF	1	1000	FL-H1000-63CF	POA	POA
DN100CF	1	500	FL-H500-100CF	POA	POA
DN100CF	1	750	FL-H750-100CF	POA	POA
DN100CF	1	1000	FL-H1000-100CF	POA	POA
DN160CF	1	500	FL-H500-160CF	POA	POA
DN160CF	1	750	FL-H750-160CF	POA	POA
DN160CF	1	1000	FL-H1000-160CF	POA	POA

KF Flanged Hoses



Braided flexible hoses are also available, please contact sales office for details.

Flange	Fig.	L	Part Code	Price £	Price €
DN10KF	2	250	FL-H250-10KF	POA	POA
DN10KF	2	500	FL-H500-10KF	POA	POA
DN10KF	2	750	FL-H750-10KF	POA	POA
DN10KF	2	1000	FL-H1000-10KF	POA	POA
DN10KF	2	1500	FL-H1500-10KF	POA	POA
DN10KF	2	2000	FL-H2000-10KF	POA	POA
DN16KF	2	250	FL-H250-16KF	£39	€45
DN16KF	2	500	FL-H500-16KF	£43	€50
DN16KF	2	750	FL-H750-16KF	£46	€53
DN16KF	2	1000	FL-H1000-16KF	£50	€58
DN16KF	2	1500	FL-H1500-16KF	£59	€68
DN16KF	2	2000	FL-H2000-16KF	£68	€79
DN25KF	2	250	FL-H250-25KF	£43	€50
DN25KF	2	500	FL-H500-25KF	£47	€55
DN25KF	2	750	FL-H750-25KF	£52	€60
DN25KF	2	1000	FL-H1000-25KF	£57	€66
DN25KF	2	1500	FL-H1500-25KF	£70	€81
DN25KF	2	2000	FL-H2000-25KF	£82	€95
DN40KF	2	250	FL-H250-40KF	£57	€66
DN40KF	2	500	FL-H500-40KF	£65	€75
DN40KF	2	750	FL-H750-40KF	£73	€84
DN40KF	2	1000	FL-H1000-40KF	£81	€94
DN40KF	2	1500	FL-H1500-40KF	£97	€112
DN40KF	2	2000	FL-H2000-40KF	£113	€130
DN50KF	2	250	FL-H250-50KF	£128	€148
DN50KF	2	500	FL-H500-50KF	£134	€155
DN50KF	2	750	FL-H750-50KF	£146	€168
DN50KF	2	1000	FL-H1000-50KF	£156	€180
DN50KF	2	1500	FL-H1500-50KF	POA	POA
DN50KF	2	2000	FL-H2000-50KF	POA	POA

All dimensions are nominal in millimetres unless otherwise specified

Flexible Hoses



Specifications:

Material

Hose - 316L St.St.
Flanges - 304 St.St.

Temperature Range

-20°C to 150°C (200°C*)

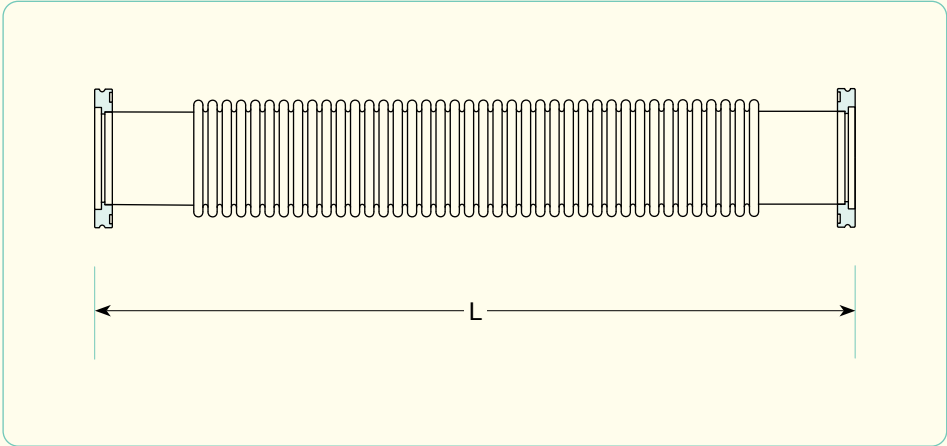
Vacuum Range

To below 1 x 10⁻⁸ Torr

* - Increased upper limit for intermittent use.

Features:

- 316L stainless steel hose as standard.
- 304 stainless steel flanges as standard.
- Highly flexible.
- Braided versions also available.
- Custom sizes and designs available upon request.



All dimensions are nominal in millimetres unless otherwise specified

LF Flanged Hoses



Braided flexible hoses are also available, please contact sales office for details.

Flange	L	Part Code	Price £	Price €
DN63LF	500	FL-H500-63LF	£170	€196
DN63LF	750	FL-H750-63LF	£187	€216
DN63LF	1000	FL-H1000-63LF	£203	€234
DN63LF	2000	FL-H2000-63LF	POA	POA
DN100LF	125	FL-H125-100LF	£236	€272
DN100LF	250	FL-H250-100LF	£252	€290
DN100LF	500	FL-H500-100LF	£266	€306
DN100LF	750	FL-H750-100LF	£280	€322
DN100LF	1000	FL-H1000-100LF	£308	€355
DN160LF	500	FL-H500-160LF	POA	POA
DN160LF	750	FL-H750-160LF	POA	POA
DN160LF	1000	FL-H1000-160LF	POA	POA

All dimensions are nominal in millimetres unless otherwise specified

