

- 10 sizes, diameters 70-660 mm
- Strokes from 45 to 375 mm
- Single, double or triple convolutions
- High thrust and frictionless movement
- Maintenance free



Operating information

Working pressure: Max 8 bar
 Working temperature: -30°C to +70°C
 High temperature version
 Working temperature: -30°C to +115°C
 Operation: Dry air

Options Available

For technical information see CD



It is recommended that external mechanical stops are used to limit the stroke. The units should not achieve maximum stroke or be allowed to 'bottom out'.
 Air Bellows may not be stacked, use singly only.

Air bellows are suitable for vibration applications i.e. device feeders at high frequency.
 Please refer to technical leaflet for more information.

Single convolution

Symbol	Ø mm (inches)	Port size	Max force (N) at 1 bar (0 stroke)	Max stroke mm	Order code
	110 (4½ x 1)	G3/8	1150	45	9109400
	150 (6 x 1)	G1/2	1900	55	9109004A
	200 (8 x 1)	G1/2	3200	75	9109014
	250 (10 x 1)	G1/2	5000	100	9109024
	300 (12 x 1)	G1/2	6500	100	9109044
	370 (14½ x 1)	G1/2	9600	115	9109064

Double convolution

Symbol	Ø mm (inches)	Port size	Max force (N) at 1 bar (0 stroke)	Max stroke mm	Order code
	70 (2¾ x 2)	G1/4	400	50	9109009
	110 (4½ x 2)	G3/8	900	80	9109401
	150 (6 x 2)	G1/2	1800	112	9109001A
	200 (8 x 2)	G1/2	3000	180	9109011
	250 (10 x 2)	G1/2	4800	200	9109021
	300 (12 x 2)	G1/2	6800	195	9109041
	370 (14½ x 2)	G1/2	10000	225	9109061
	410 (16 x 2)	G1/2	11400	250	9109171
	550 (21½ x 2)	G3/4	24000	300	9109150
	660 (26 x 2)	G3/4	30800	310	9109156

Triple convolution

Symbol	Ø mm (inches)	Port size	Max force (N) at 1 bar (0 stroke)	Max stroke mm	Order code
	70 (2¾ x 3)	G1/4	370	65	9109010
	110 (4½ x 3)	G3/8	900	100	9109402
	150 (6 x 3)	G1/2	1800	173	9109007A
	200 (8 x 3)	G1/2	3000	225	9109017
	250 (10 x 3)	G1/2	4800	300	9109031
	300 (12 x 3)	G1/2	6800	330	9109051
	370 (14½ x 3)	G1/2	10200	350	9109069
	410 (16 x 3)	G1/2	10500	375	9109177