

PNEUSPRING

26" x 2

General information

Bellows are entirely dismountable. Bellows are single acting air actuators and can be used as actuator or isolator. Indicative value of force to reach the minimum height: 15 daN. When tracking air springs, special care must be taken to ensure the air springs are guided and fixed. For other kinds of rubber compounds, contact our technical sales department.

Conditions of use

Maximum pressure	8 bar
Burst pressure	20 bar
Maximum angular capability	
Maximum misalignment	

Precaution in use

Air springs must not be pressurised unless they are restricted by an outside frame or by a suitable load. Respect the minimum and maximum height specifications (the high position of your application must be lower than the air bellows maximum height and the low position of your application must be higher than the direct use of bump stops or external stops. Do not combine an angular motion and a misalignment. Avoid using below atmospheric pressure.

Specifications data

Static diameter	660 mm
Maximum diameter	700 mm
Minimum space envelope	750 mm
Static height	200 mm
Minimum height	90 mm
Recommended maximum height	360 mm
Maximum height	400 mm
Total stroke	410 mm
Effective area	2885 cm ²
Stiffness at 4 bar	105.20 daN/mm
Natural frequency at 4 bar	1.51 Hz
Weight of the bellows	23.7 kg

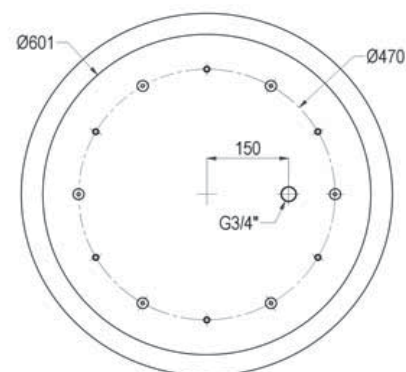
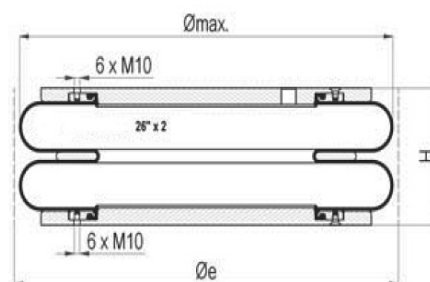
References table

PB2624	26" x 2 steel
PB2624/B	26" x 2 chlorobutyl steel
PB2624/E	26" x 2 epichlore steel

For information only. For complete range, contact our technical sales department.

Distributor:

Interflex Hose & Bellows Ltd. • www.interflex.co.uk
 Ludlow Eco Park • Ludlow • Shropshire • SY8 1FF • United Kingdom
 Tel.: +44 (0)1584 878500 • Email: airsprings@interflex.co.uk



Temperature

Standard	-40°C (-50°C static)	+70°C (+90°C static)
Chlorobutyl	-25°C (-35°C static)	+90°C (+100°C static)
Epichlore	-20°C (-30°C static)	+115°C (+120°C static)

PNEUSPRING

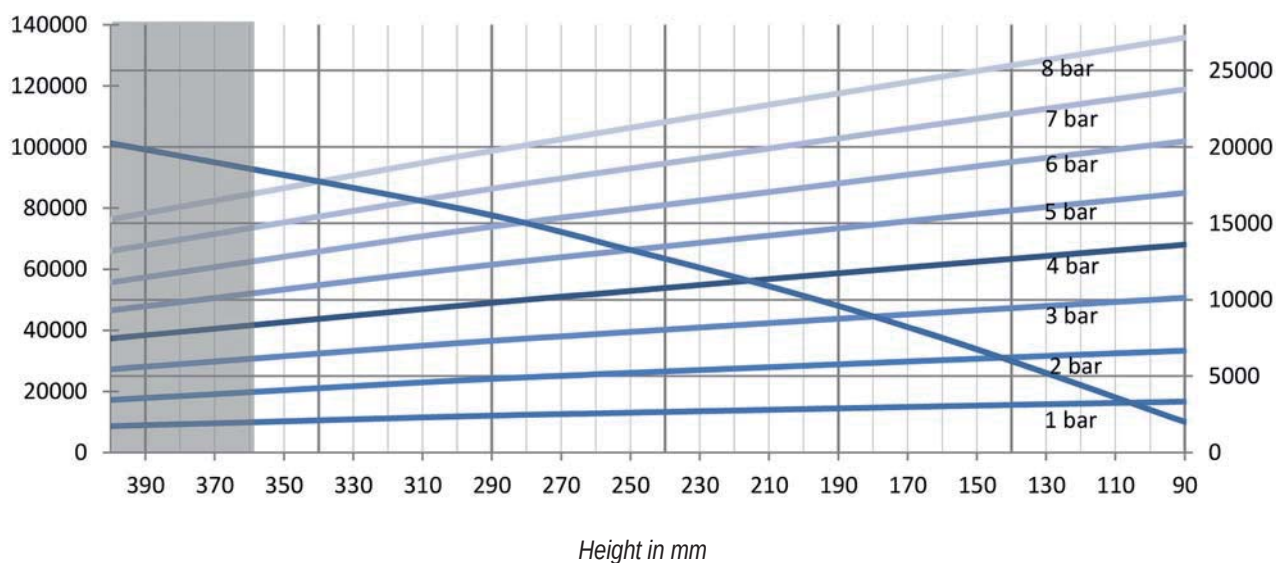
26" x 2

Specifications

Graphic

Volume in cm³

Load in daN



Characteristics in static condition (daN)

Height	2 bar	4 bar	6 bar	8 bar
90	6 655	13 595	20 370	27 150
150	6 135	12 485	18 730	24 975
200	5 675	11 535	17 335	23 130
250	5 200	10 570	15 915	21 255
300	4 705	9 590	14 470	19 350
400	3 430	7 460	11 130	15 250
500	2 520	5 475	8 445	11 420

Dynamic characteristics at H = 350mm*

Charateristics	2 bar	4 bar	6 bar
Load (daN)	4185	8590	13000
Volume (dm ³)	86,2	88,9	91,5
Stiffness (daN/cm)	316	560	792
Natural frequency (Hz)	1.37	1.27	1.23
Isolation rate at 10 Hz	98.1%	98.4%	98.5%

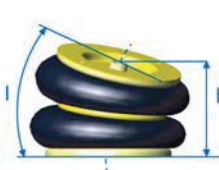
* Recommended height for better isolation

Misalignment



D	h min (mm)	h max (mm)
5 mm		
10 mm		

Angular capability



l	h min (mm)	h max (mm)
5 °		
10 °		

Distributor:

Interflex Hose & Bellows Ltd. • www.interflex.co.uk

Ludlow Eco Park • Ludlow • Shropshire • SY8 1FF • United Kingdom

Tel.: +44 (0)1584 878500 • Email: airsprings@interflex.co.uk