



The pneumatic spring bellows are made of reinforced elastomer multilayers. The steel end plates are securely joined to the bellow walls by means of beading and are pressure-tight. The pneumatic spring bellows are maintenance-free even under rough environmental conditions. No moving interior components, no sliding surfaces, therefore low friction. Up to 30° inclination of the end plates is possible, provided H min. and H max. are observed. A lateral displacement of up to max. 10 mm is permissible.

Temperature range: -40°C to 70°C (temperatures >50°C: limited lifetime)  
 Recommended operating pressure: 4 bar  
 Nominal pressure: max. 6 bar  
 Operating medium: oil-free compressed air or nitrogen

Type	Part No.	H min. [mm]	H max. [mm]	S max. [mm]	Support load* at		ØD [mm]	End Plates** [mm]					
					[kN]	[mm]		Typ	ØA	E	F	L	M
40-1	61704254	60	100	40	1,5	100	160	1	90	20,0	10,0	G 1/8	M 8 x 15
100-1	61704255	60	130	70	4,0	115	225	2	114	44,5	-	G 1/4	M 8 x 15
200-1	61704247	60	125	65	8,0	110	265	3	161	89,0	38,1	G 3/4	M 8 x 15
330-1	61704253	60	140	80	15,0	120	340	3	228	157,5	73,0	G 3/4	M 8 x 15

\* Support load and stroke are interdependent values.

\*\* The end plate is equipped with a compressed air port.

Recommended tightening torques: M8, G1/8 and G1/4 25 Nm, G3/4 50 Nm.

