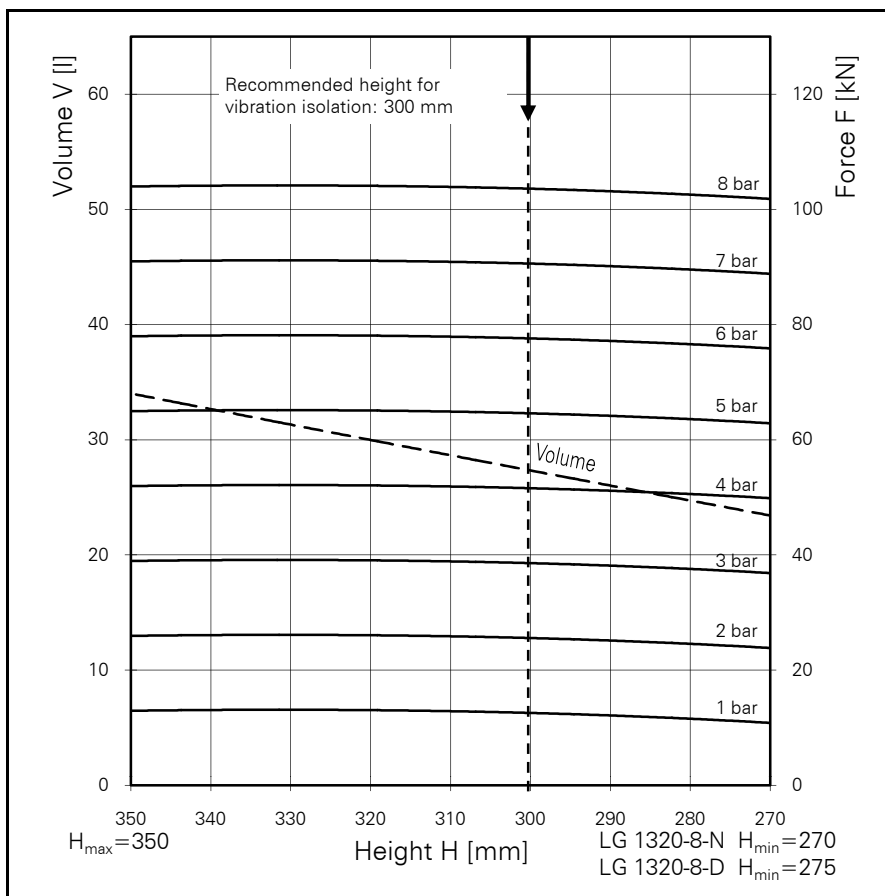
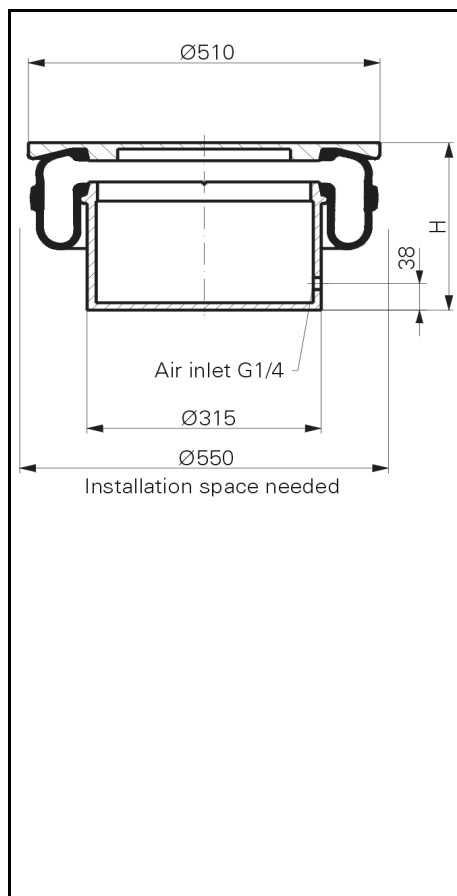


LG 1320-8

CONTI® Belted Air Spring



LG 1320-8

Force-height-diagram

Purchase order data

Type	Order No.
Type LG 1320-8-N with G 1/4" air inlet	60996
Type LG 1320-8-D with air-based damping, with G 1/4" air inlet	60147

Additional types on request

Technical data

Min. pressure	0 [bar]
Return force to min. height	≤ 1100 [N]
Overall weight with clamped plates	72 [kg]

Vibration isolation - dynamic characteristic values

Design height H: recommended 300mm

Pressure p [bar]	3	4	5	6	7	8	Vol [l]
Force (Load) [kN]	39	52	65	78	91	104	27.5
Spring rate axial [N/cm]	4700	5650	6550	7700	8600	9300	
Natural freq. axial [Hz]	1.8	1.7	1.6	1.6	1.6	1.5	
Spring rate lateral [N/cm]	2100	2350	2500	2600	2630	2670	
Natural freq. lateral [Hz]	1.2	1.1	1.0	0.9	0.9	0.8	

Type LG 1320-8-D with integrated air damping D ~ 0.12

Pneumatic application - static characteristic values

Force F [kN]

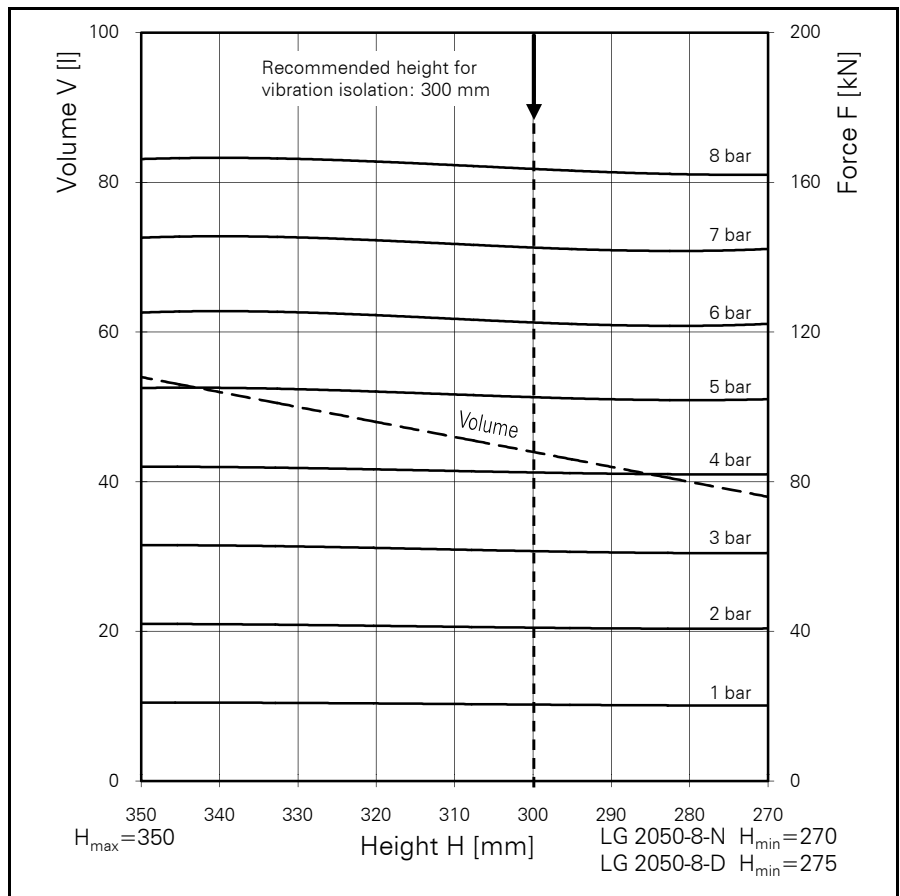
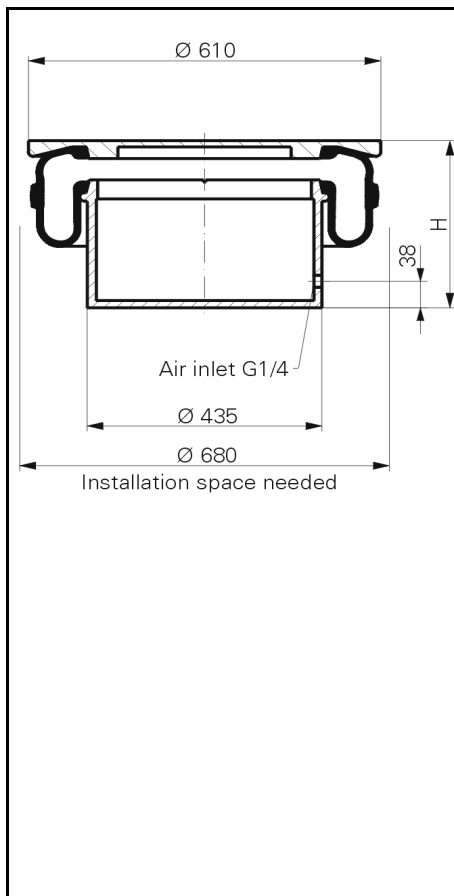
Pressure p [bar]	3	4	5	6	7	8	Vol [l]
350	39.0	52.0	65.0	78.0	91.0	104.0	34.0
320	39.0	52.0	65.0	78.0	91.0	104.0	30.0
290	38.0	51.0	64.0	77.0	90.0	103.0	26.0



Service instructions
G 1/4 = 25 Nm

LG 2050-8

CONTI® Belted Air Spring



LG 2050-8

Force-height diagram

Purchase order data

Type	Order No.
Type LG 2050-8-N with G 1/4" air inlet	60997
Type LG 2050-8-D with air-based damping, with G 1/4" air inlet	60148

Additional types on request

Technical data

Min. pressure	0 [bar]
Return force to min. height	≤ 1200 [N]
Overall weight with clamped plates	112 [kg]

Vibration isolation - dynamic characteristic values

Design height H: recommended 300mm


Pressure p [bar]	3	4	5	6	7	8	Vol [l]
Force (Load) [kN]	62	83	104	124	144	165	44
Spring rate axial [N/cm]	6200	7500	8500	9600	10450	11450	
Natural freq. axial [Hz]	1.6	1.5	1.4	1.4	1.4	1.3	
Spring rate lateral [N/cm]	4900	5300	5600	5800	6100	6500	
Natural freq. lateral [Hz]	1.4	1.3	1.2	1.1	1.1	1.0	

Type LG 2050-8-D with integrated air damping D ~ 0,12

Pneumatic application - static characteristic values

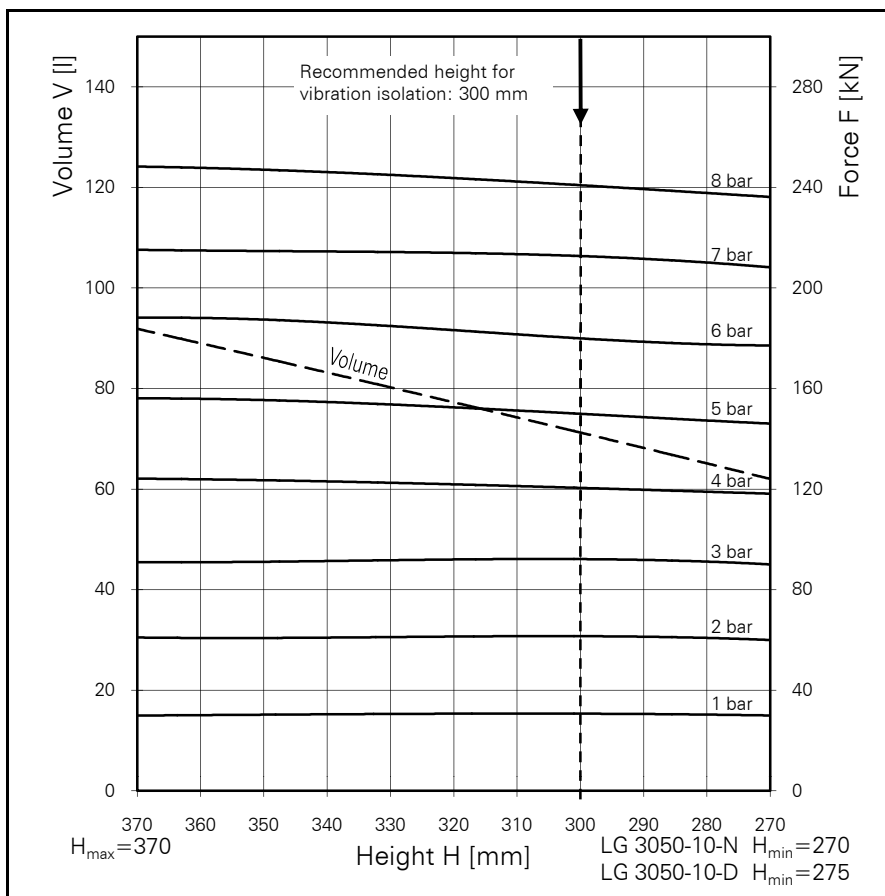
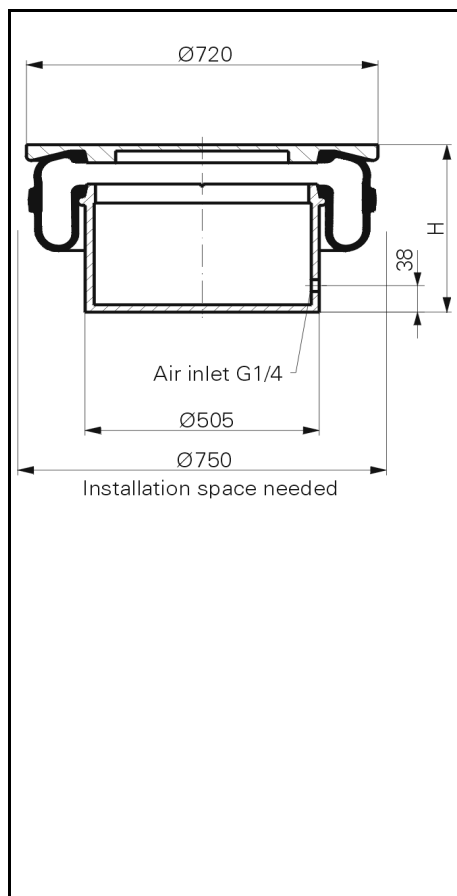
Force F [kN]

Pressure p [bar]	3	4	5	6	7	8	Vol.[l]	
Height H [mm]	350	63.0	84.0	105.0	125.0	145.0	166.0	54.0
	320	62.0	83.0	104.0	124.0	144.0	165.0	48.0
	290	61.0	82.0	102.0	122.0	142.0	163.0	42.0

 Service instructions
G 1/4 = 25 Nm

LG 3050-10

CONTI® Belted Air Spring



LG 3050-10

Force-height diagram

Purchase order data

Type	Order No.
Type LG 3050-10-N with G 1/4" air inlet	60998
Type LG 3050-10-D with air-based damping, with G 1/4" air inlet	60149

Additional types on request

Technical data

Min. pressure	0 [bar]
Return force to min. height	≤ 1600 [N]
Overall weight with clamped plates	81 [kg]

Vibration isolation - dynamic characteristic values

Design height H: recommended 300mm

Pressure p [bar]	3	4	5	6	7	8	Vol [l]
Force (Load) [kN]	92	122	153	184	214	244	71
Spring rate axial [N/cm]	8200	9900	11500	12700	14000	15300	
Natural freq. axial [Hz]	1.5	1.4	1.4	1.3	1.3	1.3	
Spring rate lateral [N/cm]	5000	6300	7300	7900	8300	8700	
Natural freq. lateral [Hz]	1.2	1.2	1.1	1.1	1.0	1.0	

Type LG 3050-10-D with integrated air damping D ~ 0.12

Pneumatic application - static characteristic values

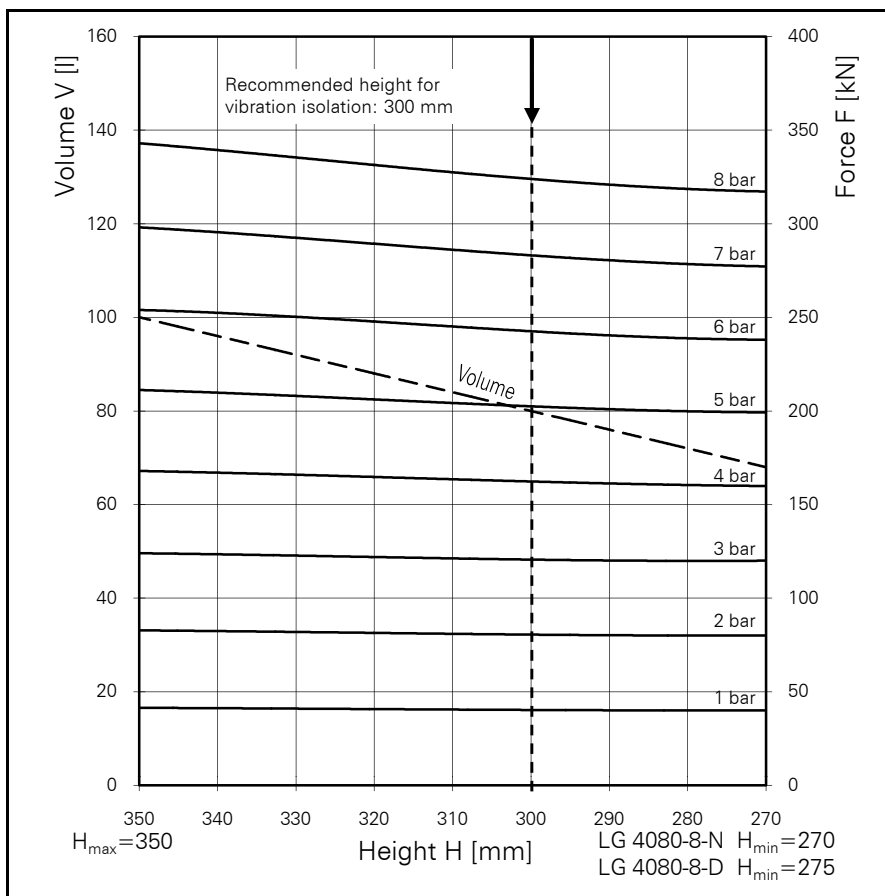
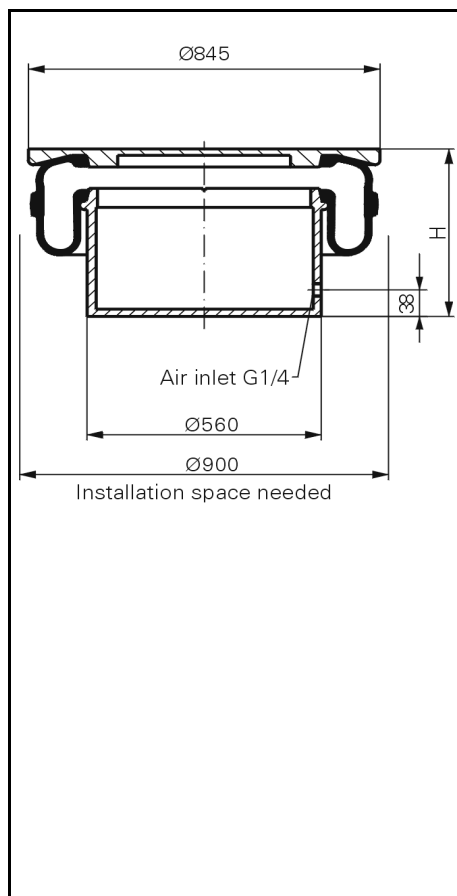
Pressure p [bar]	3	4	5	6	7	8	Vol.[l]	
Force F [kN]								
Height H [mm]	350	91.0	124.0	156.0	188.0	215.0	248.0	86.0
	320	92.0	122.0	153.0	184.0	214.0	244.0	77.0
	290	92.0	120.0	149.0	179.0	212.0	240.0	68.0



Service instructions
G 1/4 = 25 Nm

LG 4080-8

CONTI® Belted Air Spring



LG 4080-8

Force-height diagram

Purchase order data

Type	Order No.
Type LG 4080-8-N with G 1/4" air inlet	60999
Type LG 4080-8-D with air-based damping, with G 1/4" air inlet	60150

Additional types on request

Technical data

Min. pressure	0 [bar]
Return force to min. height	≤ 1800 [N]
Overall weight with clamped plates	105 [kg]

Vibration isolation - dynamic characteristic values

Design height H: recommended 300mm

Pressure p [bar]	3	4	5	6	7	8	Vol [l]
Force (Load) [kN]	125	165	205	246	287	329	80
Spring rate axial [N/cm]	11700	14400	17300	19600	21800	24200	
Natural freq. axial [Hz]	1.6	1.5	1.5	1.4	1.4	1.4	
Spring rate lateral [N/cm]	4500	4800	4900	5000	5050	5100	
Natural freq. lateral [Hz]	1.0	0.9	0.8	0.7	0.7	0.6	

Type LG 4800-8-D with integrated air damping D ~ 0.12

Pneumatic application - static characteristic values

Force F [kN]	Pressure p [bar]	3	4	5	6	7	8	Vol.[l]	
	Height H [mm]	350	124.0	168.0	211.0	254.0	298.0	343.0	100.0
		320	122.0	165.0	206.0	248.0	289.0	332.0	88.0
		290	120.0	161.0	201.0	240.0	280.0	321.0	76.0



Service instructions
G 1/4 = 25 Nm