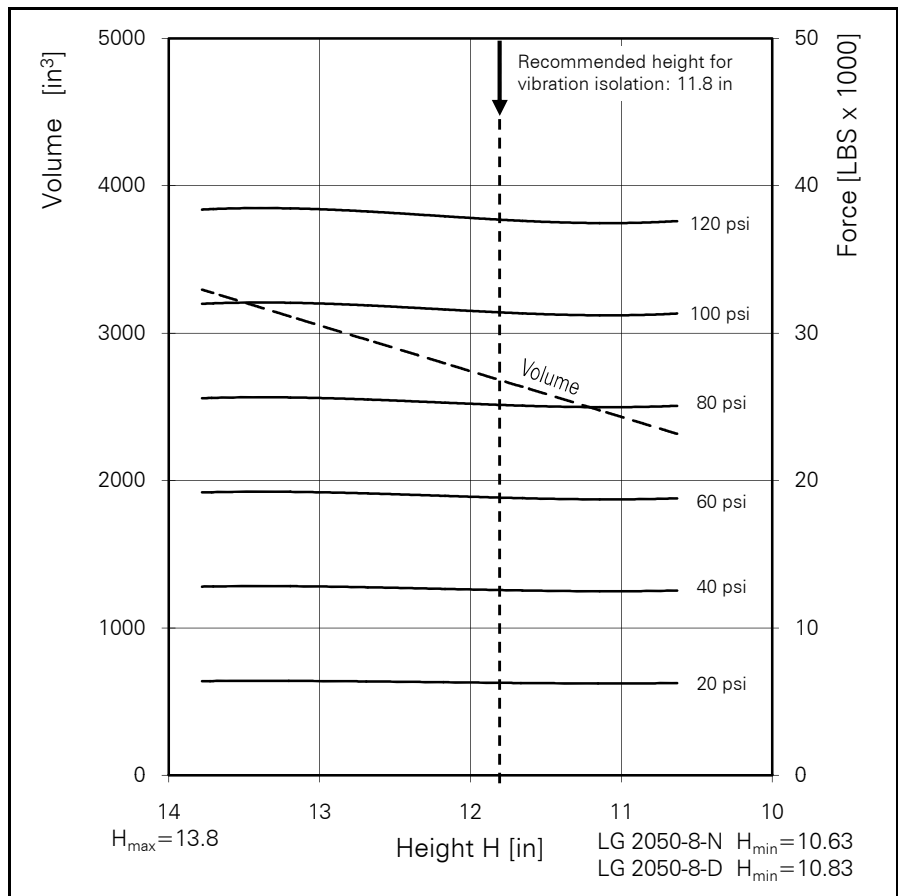
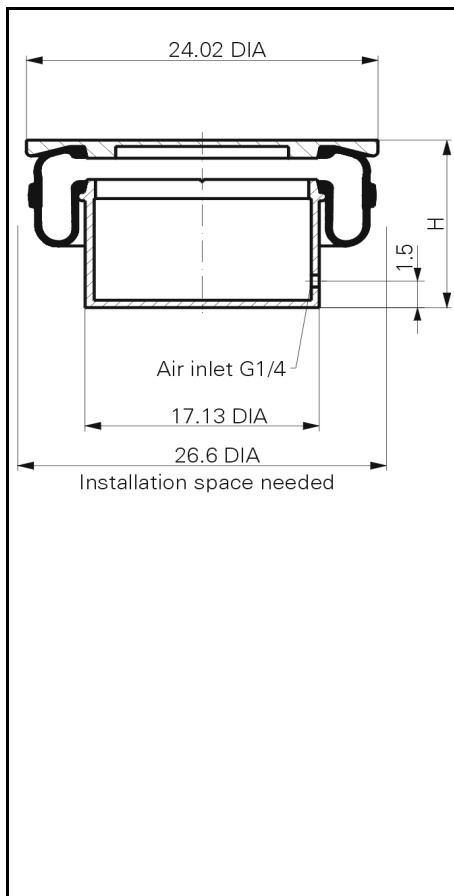


LG 2050-8

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 psi
Return force to min. height	≤ 270 lbs
Overall weight with clamped plates	250 lbs

Vibration isolation - dynamic characteristic values

Design height H: recommended 11.8 inch

Pressure p	[psi]	40	60	80	100	120	Vol. V [in <sup>3</sup> ]
Force (Load)	[lbs]	12580	18860	25150	31440	37730	2681
Spring rate axial	[lbs/in]	3254	4429	5354	5877	6762	
Natural freq. axial	[Hz]	1.5	1.4	1.4	1.4	1.3	
Spring rate lateral	[lbs/in]	2572	3130	3527	3806	4117	
Natural freq. lateral	[Hz]	1.4	1.3	1.2	1.1	1.0	

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

Pneumatic application - static characteristic values

Force F [lbs]

Pressure p	[psi]	20	40	60	80	100	120	Vol [in <sup>3</sup> ]
Height H [in]	13	6410	12810	19220	25630	32040	38440	3053
	12	6300	12610	18910	25210	31510	37820	2743
	11	6260	12520	18780	25040	31300	37550	2433



Service instructions  
G 1/4" = 12-15 LBxFT