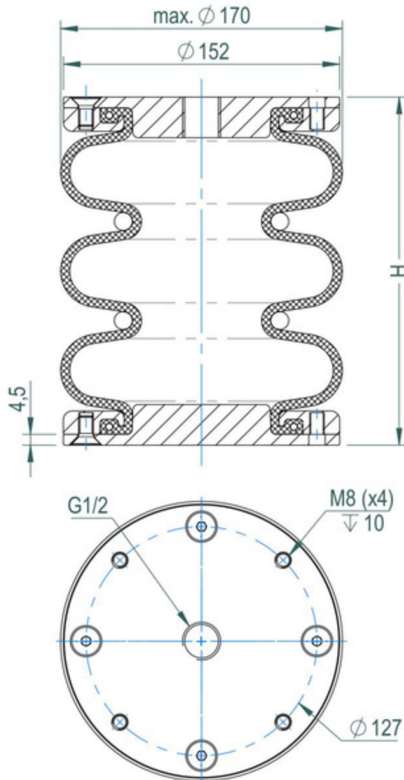


D SERIES
Dismountable Design

TVB-B24

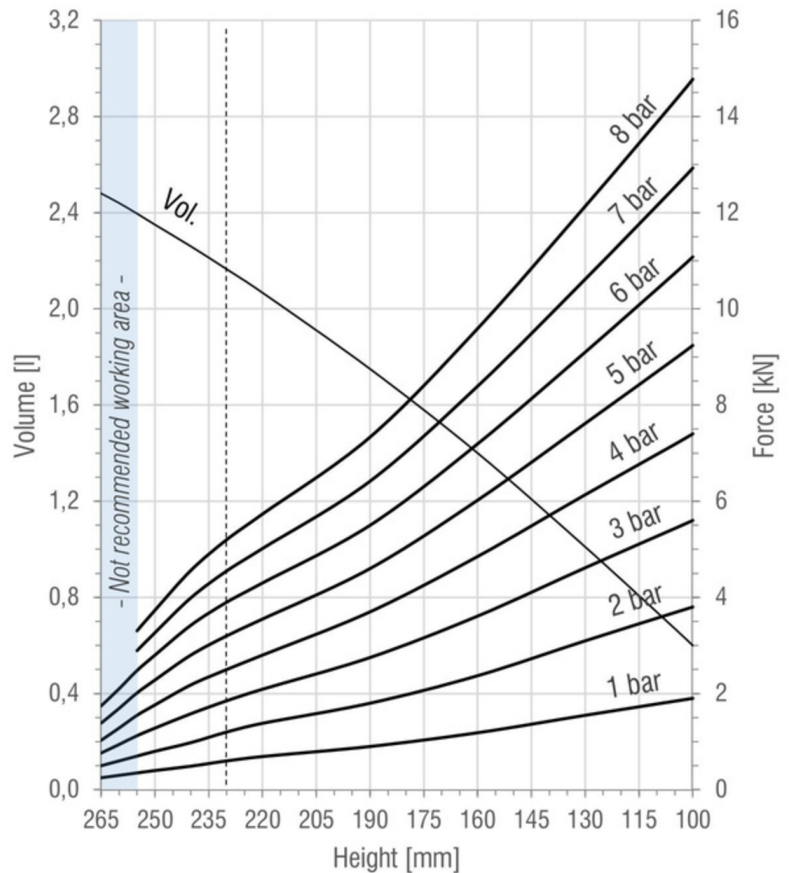
TRIPLE
CONVOLUTION

DRAWING



M8 = 12 Nm **G1/2** = 25 Nm

FORCE-HEIGHT CHART



TECHNICAL DATA

PRODUCT CHARACTERISTICS

Static diameter [mm]	155
Max. diameter [mm]	170
Required space diameter [mm]	185
Min. height [mm]	100
Static height [mm]	185
Design height [mm]	230
Max. usable height [mm]	255
Max. stroke [mm]	155
Force to compress to H_{min} at 0 bar [N]	200
Weight [kg]	2,4

REFERENCES

6x3_B	Rubber bellow only
6x3_D_AL	With aluminium end closures

Designs available with stainless steel and high temperature rubber compounds. Additional designs on request.

DYNAMIC CHARACTERISTICS FOR USE AS ISOLATOR

Pressure [bar]	3	4	5	6	7	Vol. [l]
Load [kN]	1,9	2,5	3,2	3,9	4,6	2,2
Spring rate [N/mm]	42	51	63	74	85	
Natural frequency [Hz]	2,37	2,27	2,21	2,17	2,16	
Isolation rate at 10 Hz	94,0%	94,6%	94,9%	95,0%	95,1%	

Values at recommended design height H: 230 mm -----

STATIC CHARACTERISTICS FOR USE AS ACTUATOR

Height H [mm]	Pressure [bar]	3	4	5	6	7	Vol. [l]
	100	5,6	7,4	9,2	11,1	12,9	0,6
130	4,6	6,1	7,6	9,1	10,6	1,0	
160	3,6	4,9	6,0	7,2	8,4	1,4	
190	2,8	3,7	4,6	5,5	6,4	1,8	
220	2,1	2,8	3,6	4,3	5,0	2,1	
250	1,3	1,8	2,3	2,8	3,3	2,4	

Force values [kN]

All Volume [l] values at 7 bar

Special guides are required when used as isolators due to lateral instability.