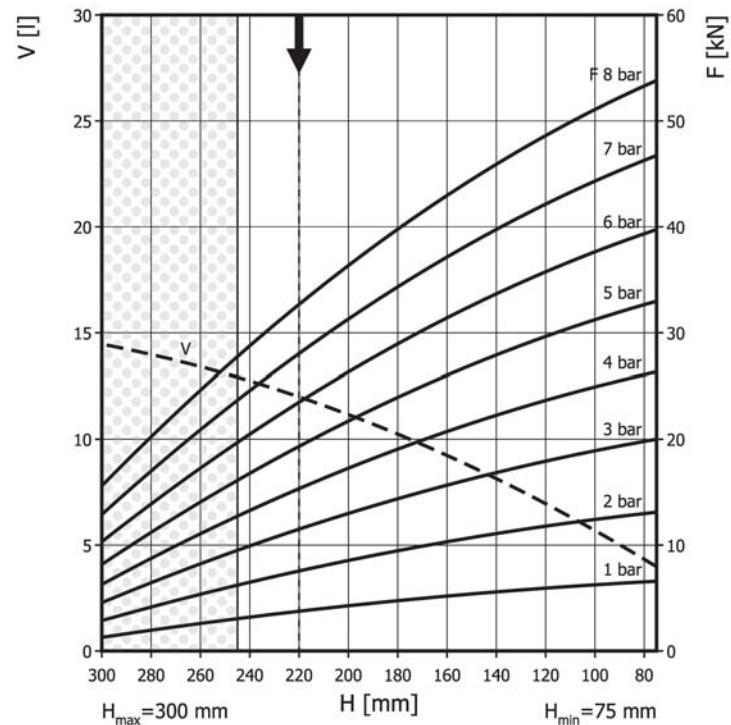
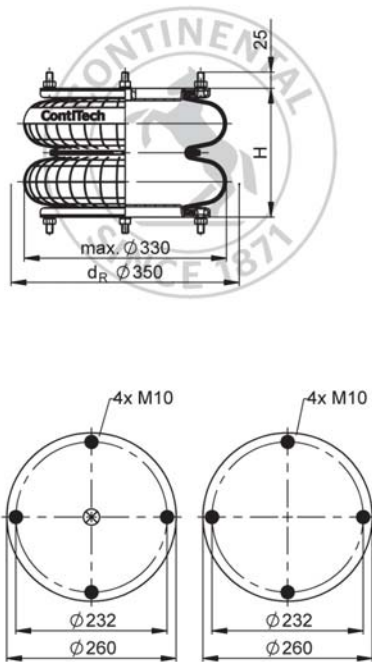


## FD 412-18 DS

## Double Convolution Air Actuator



Use in dotted range &gt;245 mm only after consultation with ContiTech



Recommended height for vibration isolation: 220 mm

## Purchase order data

Type	Order No.
Rubber bellows only	66318
Stainless steel with dismountable plates, G1/2 air inlet	77188

Additional types on request


 Service instructions  
M10: max. 25 Nm  
G1/2: max. 25 Nm

## Technical data

Min. pressure	0 bar
Return force to min height	≤ 250 N
Overall weight	6.6 kg

## Vibration isolation - dynamic characteristic values

Design height H: recommended 220mm, minimum 200mm

Pressure p [bar]	3	4	5	6	7	8	Vol. V [l]
Force (Load) [kN]	1.2	16.3	20.4	24.5	28.7	32.9	
Spring rate [N/mm]	155	200	244	286.5	331	374	
Natural frequency [Hz]	1.8	1.8	1.7	1.7	1.7	1.7	

## Pneumatic application - static characteristic values

Force F [kN]

Pressure p [bar]	3	4	5	6	7	8	Vol. V [l]	
Height H [mm]	250	9.38	12.5	15.8	19.4	23.2		27.2
	200	12.9	17.2	21.6	26.2	31.2	36.1	
	150	15.9	21.1	26.5	32	37.9	44	
	100	19.1	25.2	31.5	38	44.8	51.6	