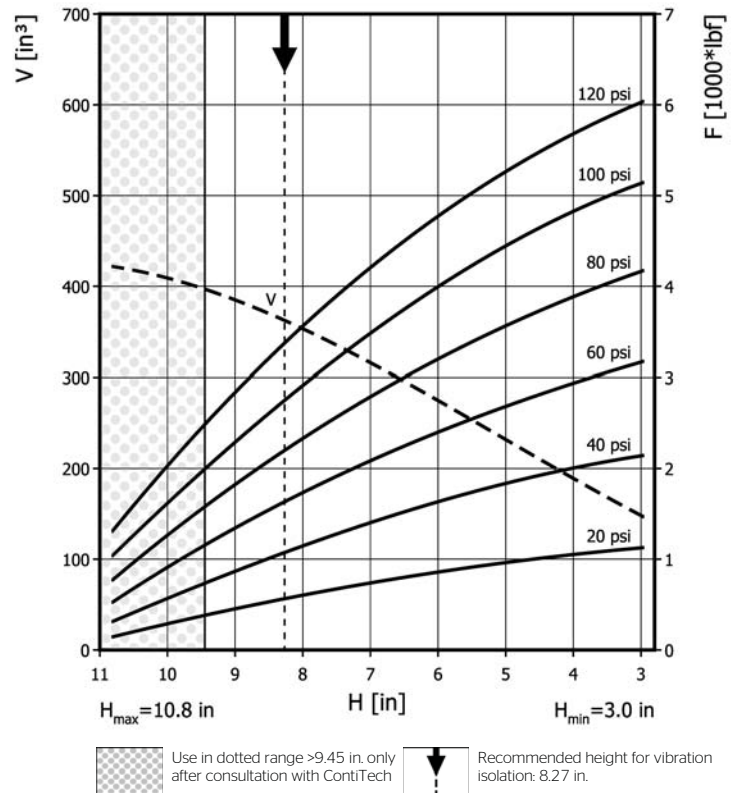
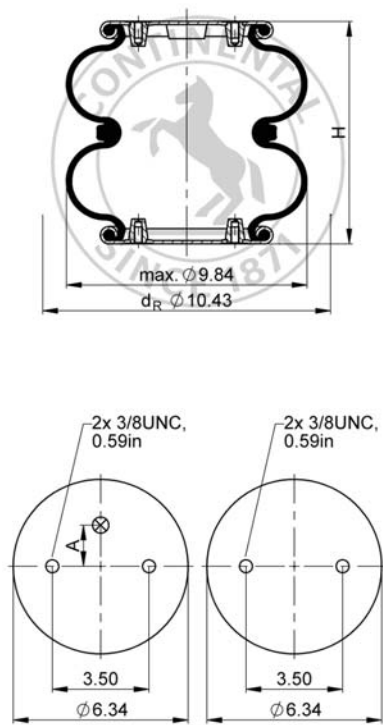


FD 200-19 CI

Double Convolution Air Actuator



Purchase order data

| Type | Order No. |
|---|-----------|
| Rubber bellows only | 65195 |
| with crimped plates, 1/4 NPT air inlet A = 1.75 in. excentrical | 64267 |
| with crimped plates, 3/4 NPT air inlet A = 1.5 in. excentrical | 75258 |

Additional types on request

Technical data

| | |
|----------------------------|----------|
| Min. pressure | 0 psi |
| Return force to min height | ≤ 45 lbf |
| Overall weight | 6.6 lb |

Vibration isolation - dynamic characteristic values

Design height H: recommended 8.27 inch, minimum 7.68 inch

| Pressure p [psi] | 40 | 60 | 80 | 100 | 120 | Vol. V [in ³] |
|------------------------|------|------|------|------|------|---------------------------|
| Force (Load) [lbf] | 1090 | 1650 | 2210 | 2790 | 3350 | 360 |
| Spring rate [lbf/in.] | 474 | 670 | 867 | 1060 | 1250 | |
| Natural frequency [Hz] | 2.1 | 2.0 | 2.0 | 1.9 | 1.9 | |

Pneumatic application - static characteristic values

Force F [lbf]

| Pressure p [psi] | 40 | 60 | 80 | 100 | 120 | Vol. V [in ³] | |
|------------------|-----|------|------|------|------|---------------------------|-----|
| Height H [in.] | 9.0 | 884 | 1350 | 1830 | 2320 | 2840 | 390 |
| | 8.0 | 1170 | 1760 | 2360 | 2980 | 3620 | 350 |
| | 7.0 | 1380 | 2080 | 2790 | 3500 | 4250 | 320 |
| | 6.0 | 1550 | 2340 | 3130 | 3930 | 4750 | 280 |
| | 5.0 | 1690 | 2530 | 3380 | 4240 | 5120 | 230 |
| | 4.0 | 1800 | 2690 | 3590 | 4490 | 5410 | 190 |
| | 3.0 | 1900 | 2820 | 3760 | 4690 | 5670 | 150 |



Service instructions

3/8-16 UNC: max. 20 lbf ft

1/4 NPT: max. 20 lbf ft

3/4 NPT: max. 40 lbf ft