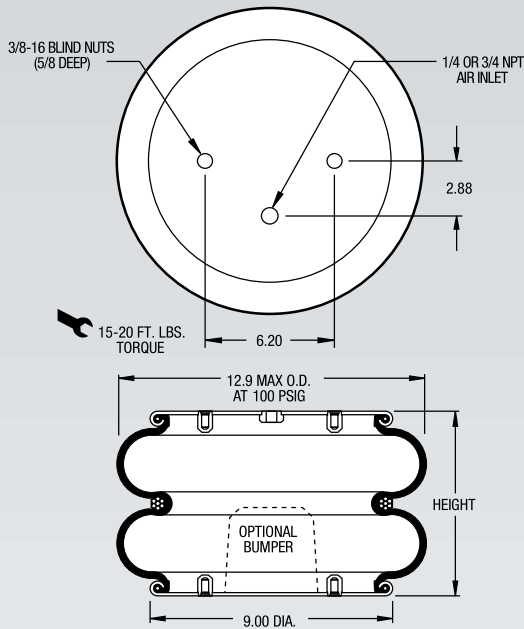


| Description | | Assembly Order No. |
|------------------------------------------------------|----------------------------------------------------------------------------------|--------------------|
| Style 22 | Blind nuts, 1/4 NPT | W01-358-7180 |
| | Blind nuts, 1/4 NPT, bumper | W01-358-7400 |
| Two Ply Bellows | Blind nuts, 3/4 NPT | W01-358-7184 |
| | Blind nuts, 3/4 NPT, bumper | W01-358-7185 |
| | Countersunk steel bead rings, 1 ⁵ / ₈ bolts, nuts, washers | W01-358-7431 |
| | Rubber bellows only | W01-358-0226 |
| Assembly weight..... | | 13.0 lbs |
| Force to collapse to minimum height (@ 0 PSIG) | | 20 lbs. |

| | | |
|-----------------------|----------------------------------------------------------------------------------|--------------|
| Style 210 | Blind nuts, 1/4 NPT | W01-358-7251 |
| | Blind nuts, 1/4 NPT, bumper | W01-358-7291 |
| High Strength Bellows | Blind nuts, 3/4 NPT | W01-358-7250 |
| | Countersunk steel bead rings, 1 ³ / ₄ bolts, nuts, washers | W01-358-7258 |
| | Rubber bellows only | W01-358-7928 |

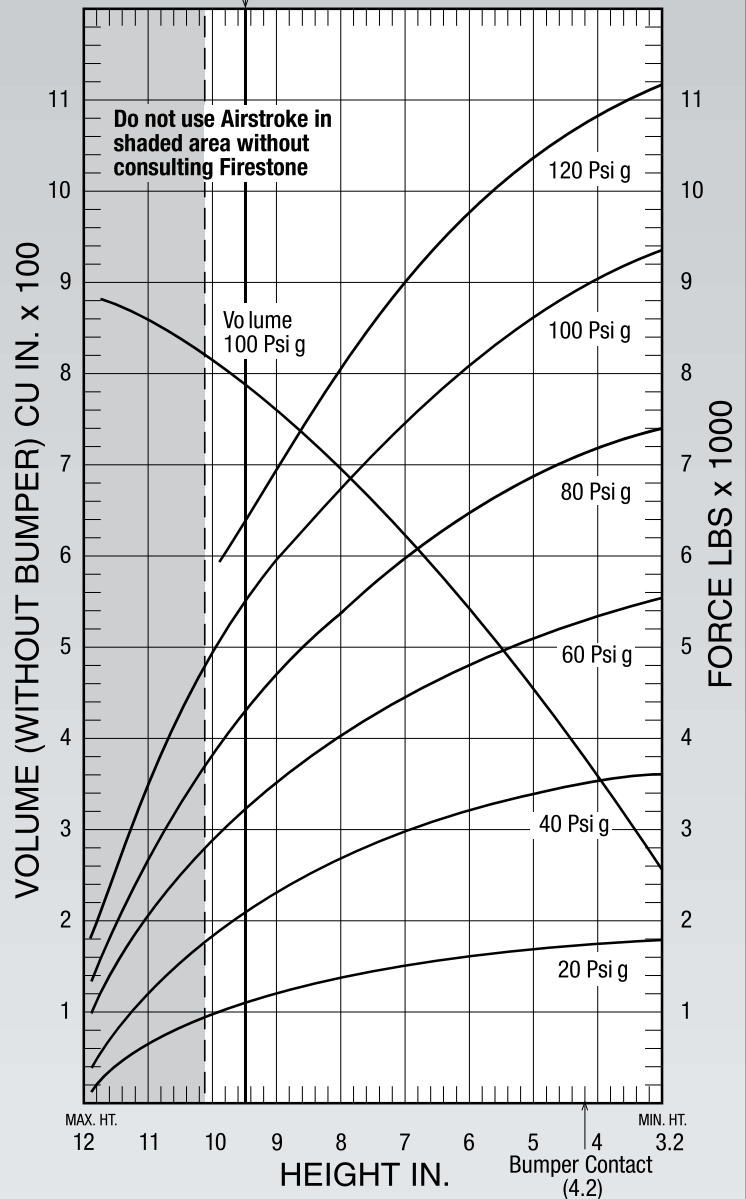


NOTE: A bead plate part is shown. This part is also available with bead rings. See pages 8-10 for explanation.

| Dynamic Characteristics at 9.5 in. Design Height (Required for Airmount isolator design only) | | | | |
|--------------------------------------------------------------------------------------------------|-------------|------------------------|-------------------|------|
| Volume @ 100 PSIG = 782 in ³ | | | Natural Frequency | |
| Gage Pressure (PSIG) | Load (lbs.) | Spring Rate (lbs./in.) | CPM | HZ |
| 40 | 2,050 | 729 | 112 | 1.86 |
| 60 | 3,170 | 1,036 | 107 | 1.79 |
| 80 | 4,280 | 1,373 | 106 | 1.77 |
| 100 | 5,400 | 1,668 | 104 | 1.74 |

Recommended Design Position Static Pressure 0-100 psi

RECOMMENDED AIRMOUNT DESIGN HEIGHT 9.5 INCHES



See page 12 for instructions on how to use chart.

| Force Table (Use for Airstroke™ actuator design) | | | | | | |
|--------------------------------------------------|--------------------------------------|--------------|----------|----------|----------|-----------|
| Assembly Height (in.) | Volume @ 100 PSIG (in ³) | Pounds Force | | | | |
| | | @20 PSIG | @40 PSIG | @60 PSIG | @80 PSIG | @100 PSIG |
| 10.0 | 809 | 950 | 1,810 | 2,830 | 3,810 | 4,840 |
| 9.0 | 752 | 1,170 | 2,260 | 3,460 | 4,670 | 5,880 |
| 8.0 | 685 | 1,310 | 2,590 | 3,940 | 5,350 | 6,700 |
| 7.0 | 610 | 1,430 | 2,900 | 4,390 | 5,950 | 7,450 |
| 6.0 | 529 | 1,540 | 3,170 | 4,780 | 6,470 | 8,110 |
| 5.0 | 442 | 1,640 | 3,380 | 5,100 | 6,880 | 8,630 |
| 4.0 | 349 | 1,730 | 3,520 | 5,340 | 7,180 | 9,020 |