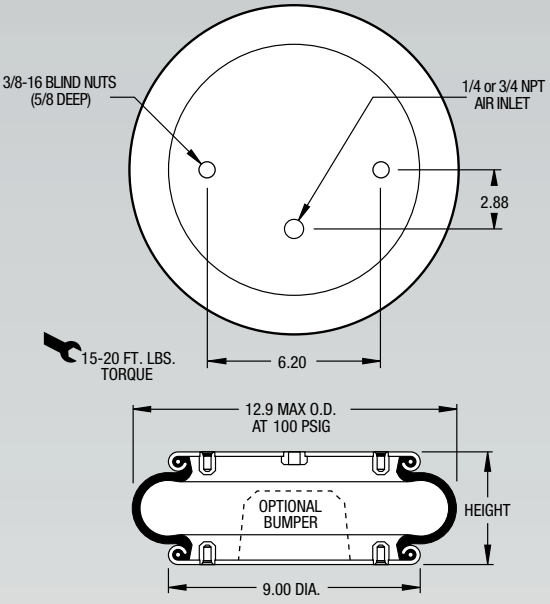
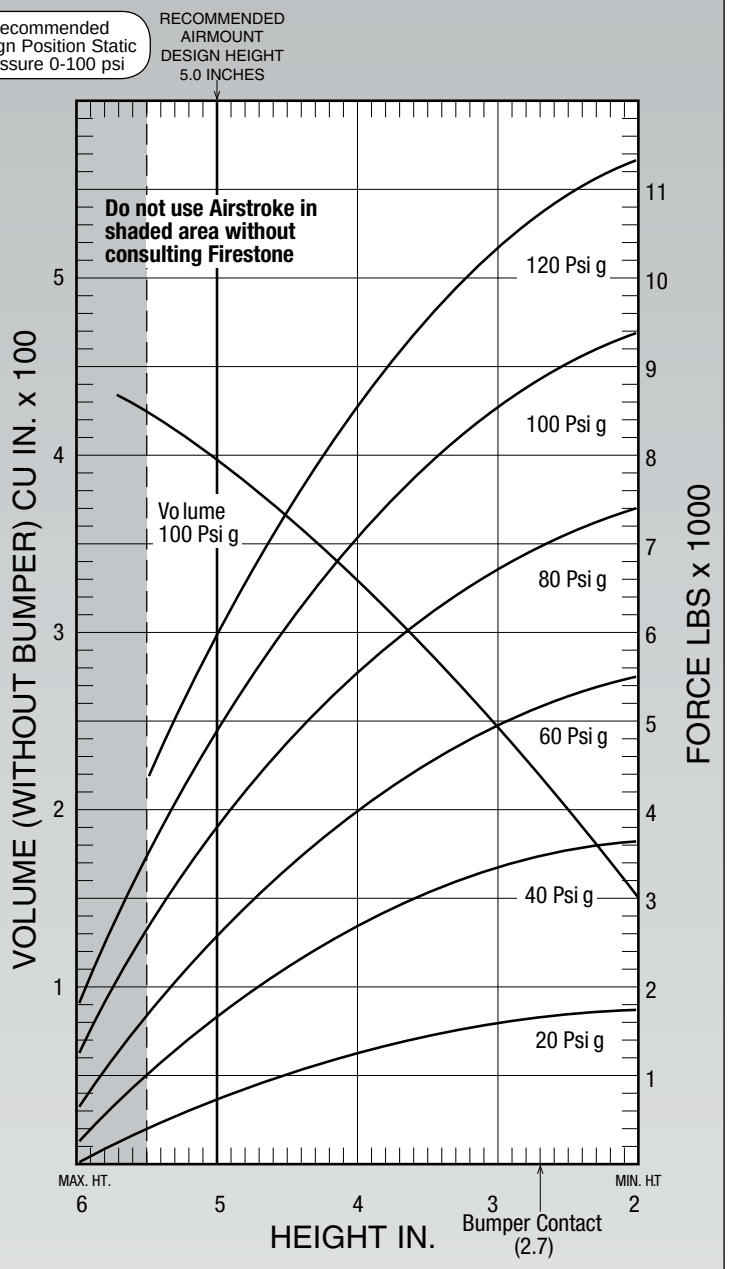
| | Description | Assembly Order No. |
|---|---|---|
| Style 19 Two Ply Bellows | Blind nuts, 1/4 NPT | W01-358-7008 |
| | Blind nuts, 1/4 NPT, bumper | W01-358-7009 |
| | Blind nuts, 3/4 NPT | W01-358-7011 |
| | Blind nuts, 3/4 NPT, bumper | W01-358-7012 |
| | Countersunk steel bead rings, $1^5/_8$ bolts, nuts, washers | W01-358-7023 |
| | Rubber bellows only | W01-358-0134 |
| Assembly weight..... 9.6 lbs. | | |
| Force to collapse to minimum height (@ 0 PSIG) ..... 9 lbs. | | |




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




**See page 12 for instructions on how to use chart.**

| Dynamic Characteristics at 5.0 in. Design Height (Required for Airmount isolator design only) | | | | |
|---|---|---|---|---|
| Volume @ 100 PSIG = 394 $in^3$ | | | Natural Frequency | |
| Gage Pressure (PSIG) | Load (lbs.) | Spring Rate (lbs./in.) | CPM | HZ |
| 40 | 1,690 | 1,607 | 183 | 3.06 |
| 60 | 2,640 | 2,322 | 176 | 2.93 |
| 80 | 3,730 | 3,000 | 168 | 2.81 |
| 100 | 4,870 | 3,669 | 163 | 2.72 |

| 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 |
| 5.0 | 394 | 780 | 1,690 | 2,640 | 3,730 | 4,870 |
| 4.0 | 327 | 1,300 | 2,610 | 4,060 | 5,500 | 7,050 |
| 3.0 | 244 | 1,580 | 3,280 | 5,000 | 6,720 | 8,440 |