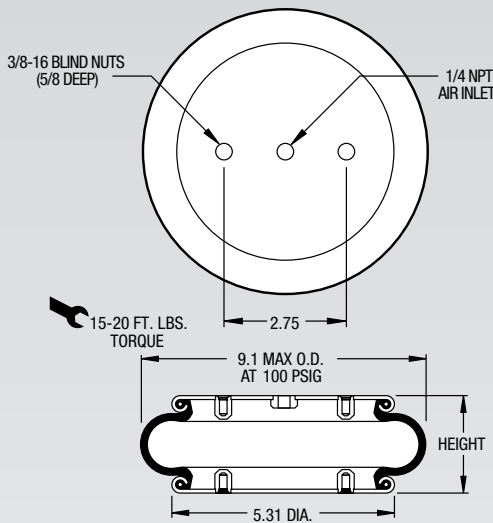


| Description | | Assembly Order No. |
|---|--|--------------------|
| Style 116 | Blind nuts, 1/4 NPT | W01-358-7564 |
| | Blind nuts, 3/4 NPT | W01-358-7561 |
| Two Ply Bellows | Countersunk steel bead rings, 1 ³ / ₄ bolts, nuts, washers | W01-358-7568 |
| | Blind nuts with installed 1/4 tank valve | W01-A72-7518 |
| | Rubber bellows only | W01-358-0133 |
| Assembly weight | | 4.6 lbs. |
| Force to collapse to minimum height (@ 0 PSIG)..... | | 8 lbs. |
| Style 117 | Blind nuts, 1/4 NPT | W01-358-7600 |
| | Blind nuts, 3/4 NPT | W01-358-7602 |
| High Strength Bellows | Countersunk steel bead rings, 1 ³ / ₄ bolts, nuts, washers | W01-358-7606 |

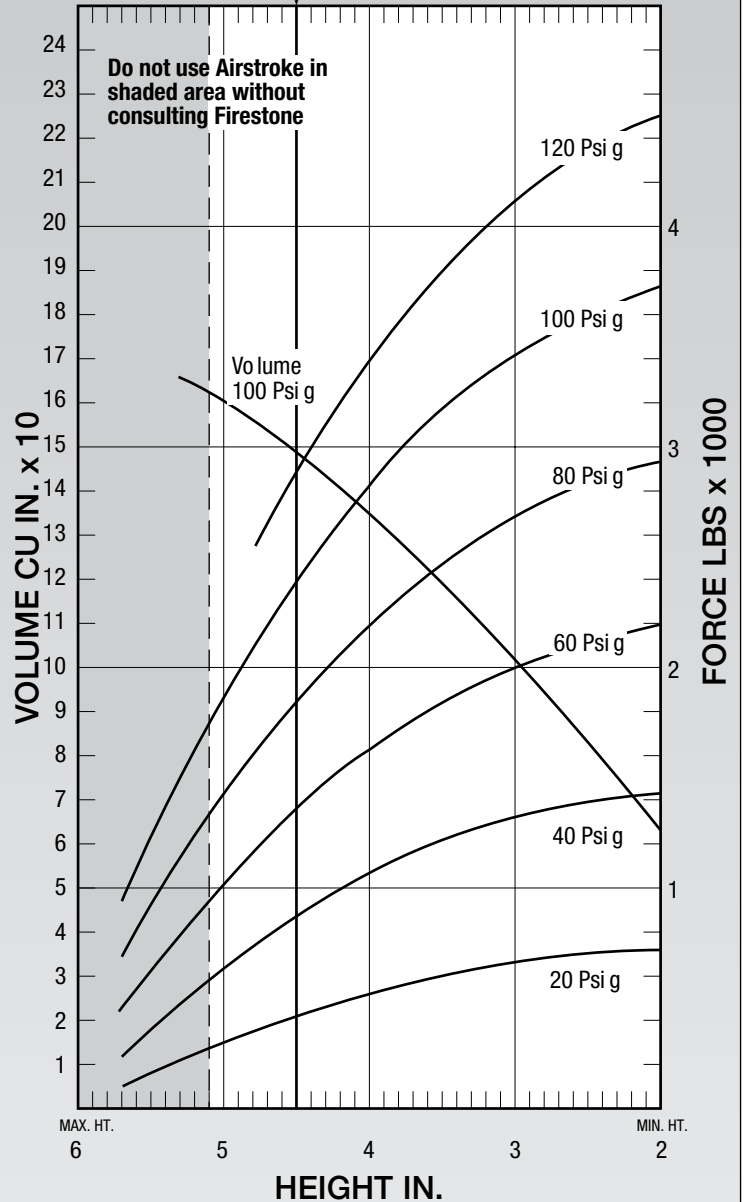


NOTE: A bead plate part is shown. This part is also available with bead rings. See pages 8-10 for explanation.

| Dynamic Characteristics at 4.5 in. Design Height (Required for Airmount isolator design only) | | | | |
|--|-------------|------------------------|-------------------|------|
| Volume @ 100 PSIG = 149 in ³ | | | Natural Frequency | |
| Gage Pressure (PSIG) | Load (lbs.) | Spring Rate (lbs./in.) | CPM | HZ |
| 40 | 850 | 736 | 175 | 2.91 |
| 60 | 1,330 | 1,070 | 168 | 2.80 |
| 80 | 1,830 | 1,374 | 163 | 2.71 |
| 100 | 2,360 | 1,688 | 159 | 2.65 |

Recommended Design Position Static Pressure 0-100 psi

RECOMMENDED AIRMOUNT DESIGN HEIGHT 4.5 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 |
| 5.0 | 161 | 290 | 600 | 970 | 1,370 | 1,800 |
| 4.0 | 135 | 520 | 1,050 | 1,630 | 2,210 | 2,820 |
| 3.0 | 102 | 650 | 1,310 | 2,000 | 2,690 | 3,410 |