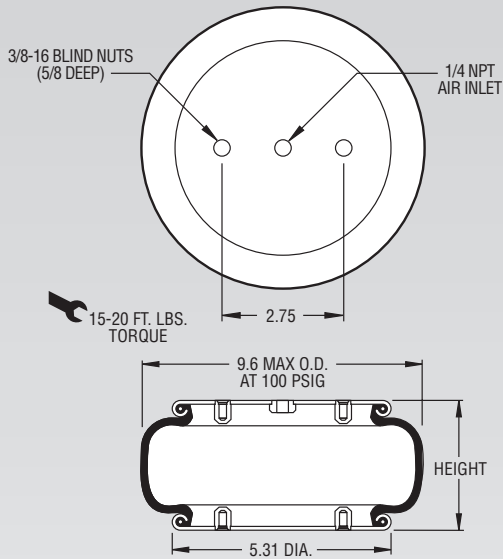


| Description | | Assembly Order No. |
|---|---------------------|--------------------|
| Style 116-1 | Blind nuts, 1/4 NPT | WO1-358-7598 |
| | Blind nuts, 3/4 NPT | WO1-358-7605 |
| Two Ply Bellows | | |
| Assembly weight | | 4.5 lbs. |
| Force to collapse to minimum height (@ 0 PSIG)..... | | 37 lbs. |

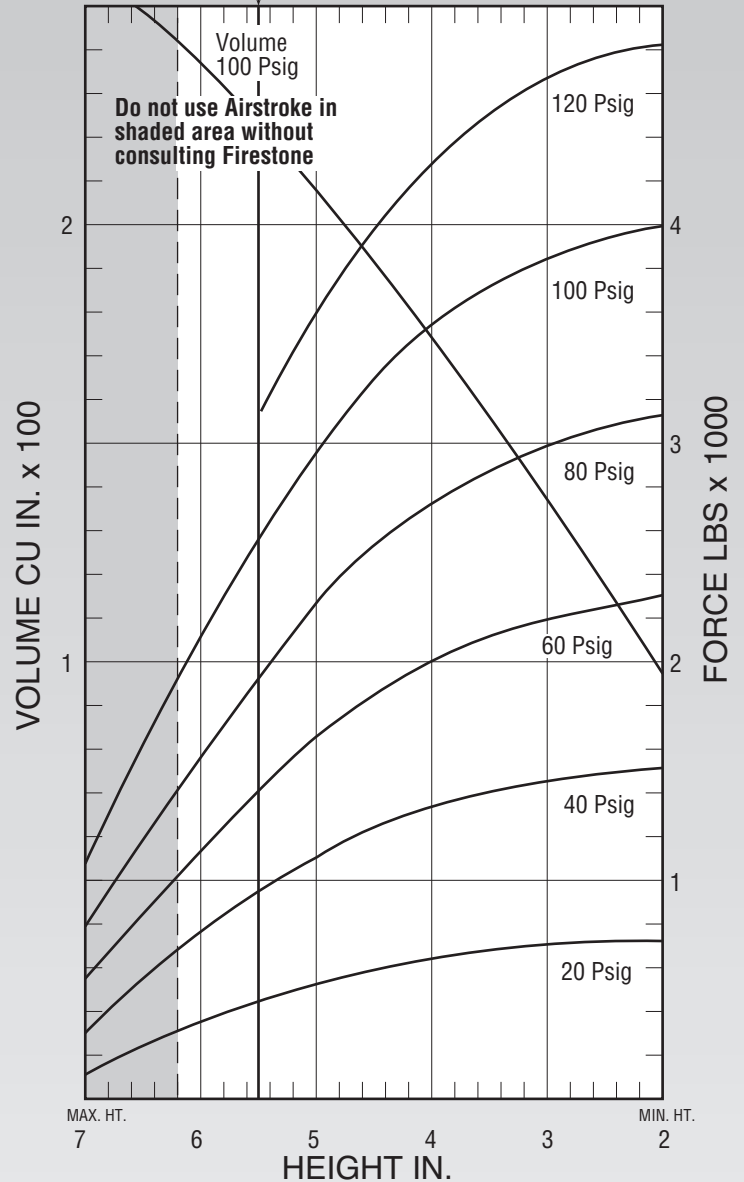
Recommended Design Position Static Pressure 0-100 psi

RECOMMENDED AIRMOUNT DESIGN HEIGHT 5.5 INCHES

Static Data
B7818



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 5.5 in. Design Height (Required for Airmount isolator design only) | | | | |
|--|-------------|------------------------|-------------------|------|
| Volume @ 100 PSIG = 225 in ³ | | | Natural Frequency | |
| Gage Pressure (PSIG) | Load (lbs.) | Spring Rate (lbs./in.) | CPM | HZ |
| 40 | 940 | 564 | 145 | 2.42 |
| 60 | 1,410 | 803 | 141 | 2.36 |
| 80 | 1,930 | 1,054 | 139 | 2.31 |
| 100 | 2,530 | 1,327 | 136 | 2.26 |

| 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 |
| 6.0 | 237 | 360 | 750 | 1,150 | 1,580 | 2,090 |
| 5.0 | 210 | 540 | 1,100 | 1,650 | 2,240 | 2,920 |
| 4.0 | 178 | 650 | 1,330 | 2,000 | 2,710 | 3,490 |
| 3.0 | 139 | 710 | 1,450 | 2,200 | 2,980 | 3,810 |