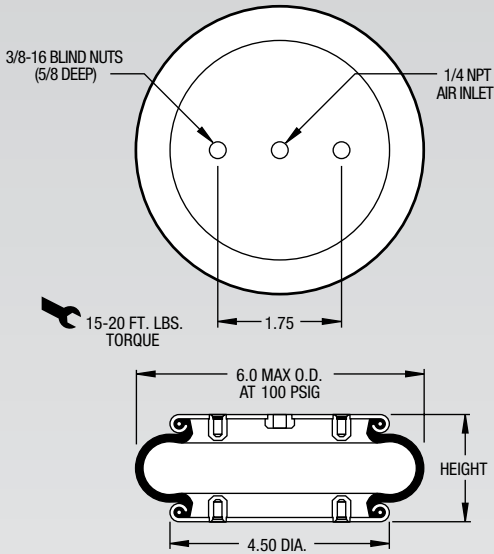


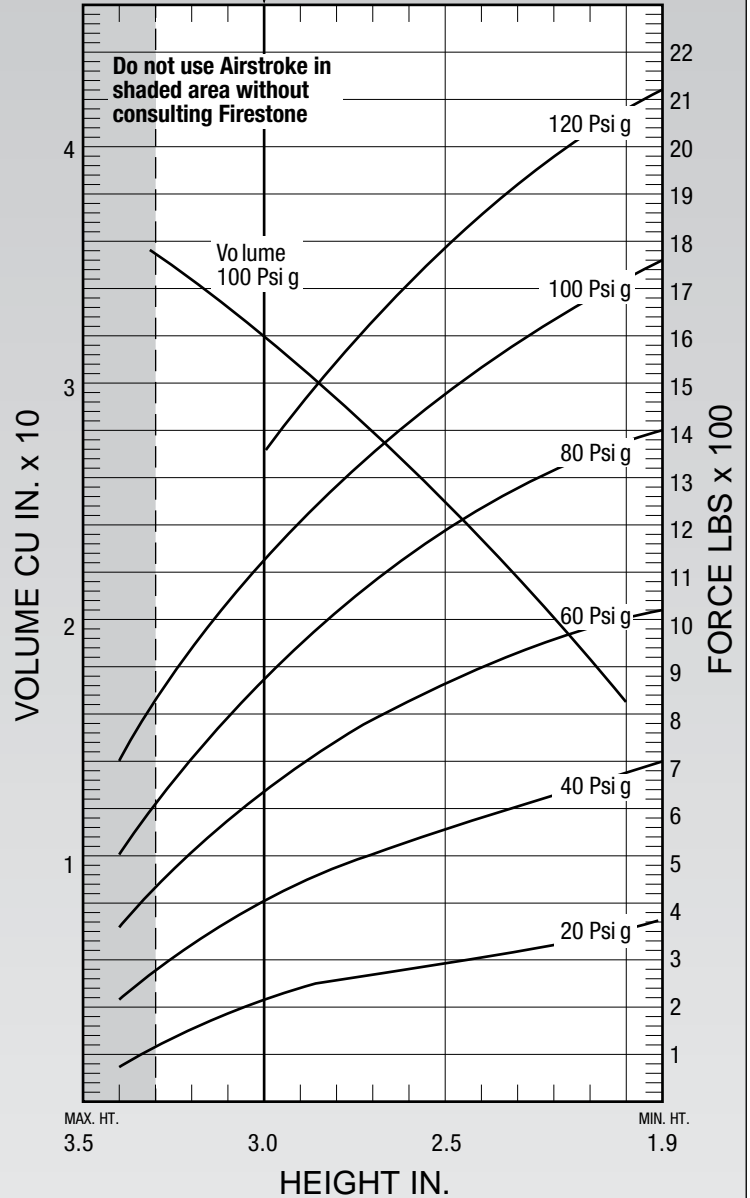
| Description  |  | Assembly Order No. |
|--|--|--------------------|
| Style 16   | Blind nuts, 1/4 NPT  | W01-358-7001       |
|  | Blind nuts, 3/4 NPT  | W01-358-6996       |
| Two Ply Bellows                                      | Socket head aluminum bead rings (bolts, nuts, washers not included-use 1/4 cap screws) | W01-358-0017       |
|  | 3/4 NPT (only) upper plate, blind nuts lower plate                                     | W01-358-0286       |
|  | Rubber bellows only  | W01-358-0010       |
| Assembly weight.....                                 |  | 2.5 lbs.           |
| Force to collapse to minimum height (@ 0 PSIG) ..... |  | 30 lbs.            |

Recommended Design Position Static Pressure 0-100 psi

RECOMMENDED AIRMOUNT DESIGN HEIGHT 3.0 INCHES



**NOTE: A bead plate part is shown. This part is also available with bead rings. Bolts are not included. See pages 8-10 for explanation.**



See page 12 for instructions on how to use chart.

| Dynamic Characteristics at 3.0 in. Design Height<br>(Required for Airmount isolator design only) |             |                        |                   |      |
|--|-------------|------------------------|-------------------|------|
| Volume @ 100 PSIG = 32 in <sup>3</sup>   |             |                        | Natural Frequency |      |
| Gage Pressure (PSIG)   | Load (lbs.) | Spring Rate (lbs./in.) | CPM               | HZ   |
| 40   | 420         | 765                    | 254               | 4.24 |
| 60   | 640         | 1,088                  | 244               | 4.07 |
| 80   | 880         | 1,410                  | 237               | 3.96 |
| 100  | 1,120       | 1,710                  | 232               | 3.86 |

| Force Table (Use for Airstroke™ actuator design) |                                      |              |          |          |          |           |
|--|--------------------------------------|--------------|----------|----------|----------|-----------|
| Assembly Height (in.)                            | Volume @ 100 PSIG (in <sup>3</sup> ) | Pounds Force |          |          |          |           |
|  |                                      | @20 PSIG     | @40 PSIG | @60 PSIG | @80 PSIG | @100 PSIG |
| 3.0  | 32                                   | 220          | 420      | 640      | 880      | 1,120     |
| 2.0  | 17                                   | 350          | 680      | 1,020    | 1,370    | 1,720     |