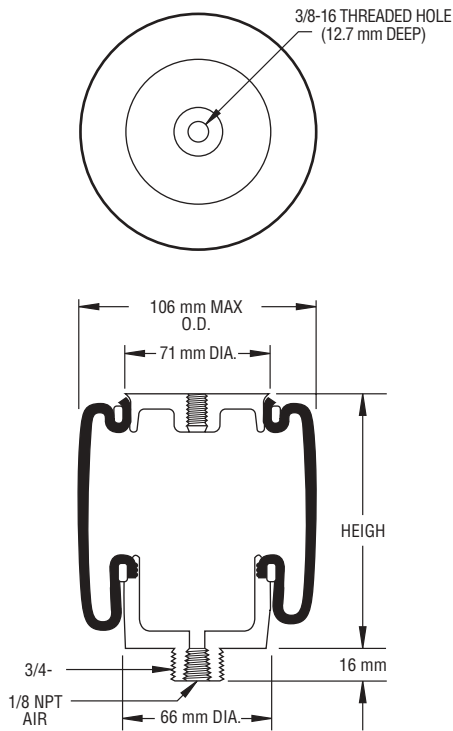


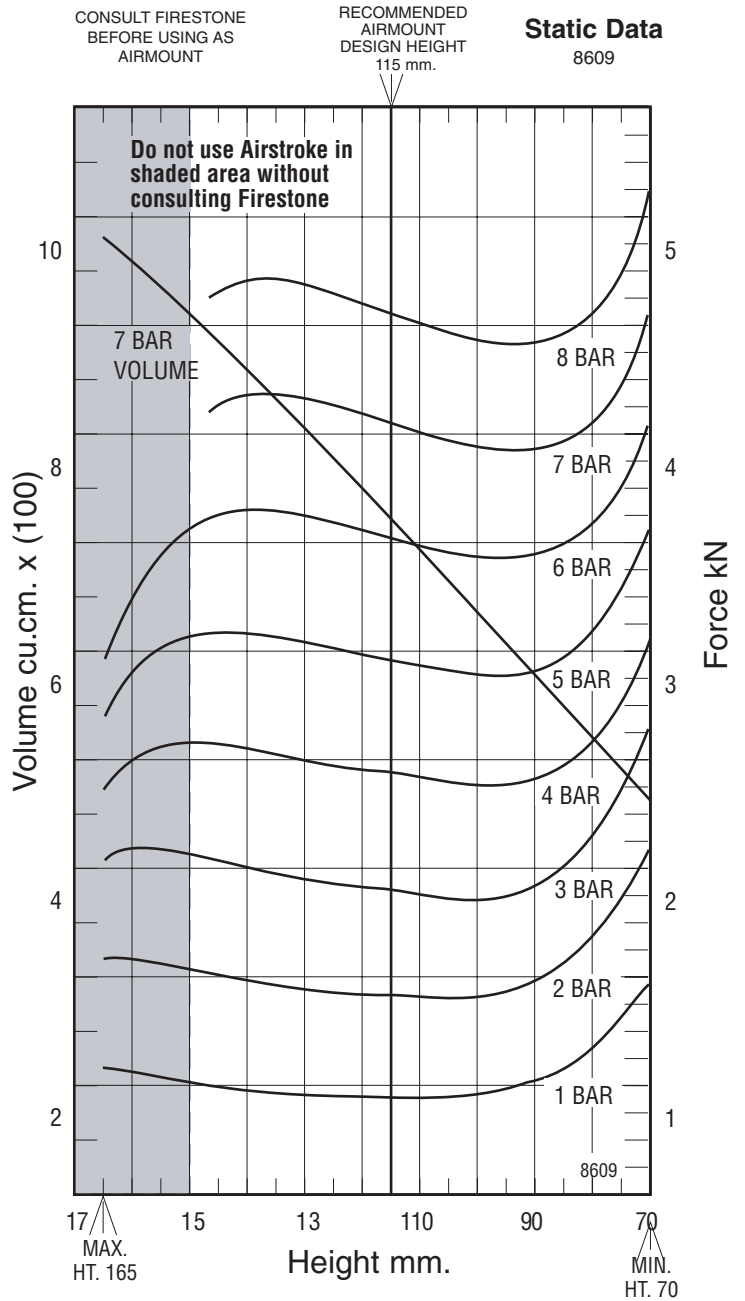
|                               | Description         | Assembly Order No. |
|-------------------------------|---------------------|--------------------|
| Style<br>7002                 | Blind nuts, 1/8 NPT | W02-358-7002       |
| Two<br>Ply<br>Bellows         |                     |                    |
| Assembly weight ..... .81 kg. |                     |                    |

**NOTE: Standard assembly is imperial.**



**NOTE: Bellows will not compress properly with less than .7 BAR internal pressure.**

| Gauge Pressure (BAR) | Load (kN) | Spring Rate (kN/m) | Natural Frequency Hz |
|----------------------|-----------|--------------------|----------------------|
| 3                    | 1.40      | 20                 | 1.90                 |
| 4                    | 1.94      | 27                 | 1.86                 |
| 5                    | 2.46      | 33                 | 1.81                 |
| 6                    | 3.03      | 38                 | 1.78                 |
| 7                    | 3.55      | 44                 | 1.75                 |



See page 12 for instructions on how to use chart.

| Assembly Height (mm) | Volume @ 7 BAR (cu cm) | EFF Area @ 7 BAR (cm sq) | kN Force |         |         |         |         |
|----------------------|------------------------|--------------------------|----------|---------|---------|---------|---------|
|                      |                        |                          | @ 3 BAR  | @ 4 BAR | @ 5 BAR | @ 6 BAR | @ 7 BAR |
| 150                  | 807                    | 50                       | 1.57     | 2.08    | 2.57    | 3.05    | 3.52    |
| 140                  | 755                    | 53                       | 1.51     | 2.05    | 2.58    | 3.15    | 3.68    |
| 130                  | 701                    | 52                       | 1.45     | 2.00    | 2.54    | 3.13    | 3.67    |
| 120                  | 648                    | 51                       | 1.41     | 1.97    | 2.49    | 3.07    | 3.59    |
| 110                  | 590                    | 50                       | 1.38     | 1.93    | 2.44    | 3.00    | 3.51    |
| 100                  | 535                    | 49                       | 1.36     | 1.89    | 2.39    | 2.95    | 3.45    |
| 90                   | 476                    | 49                       | 1.41     | 1.90    | 2.41    | 2.94    | 3.43    |
| 80                   | 422                    | 51                       | 1.63     | 2.07    | 2.57    | 3.07    | 3.54    |