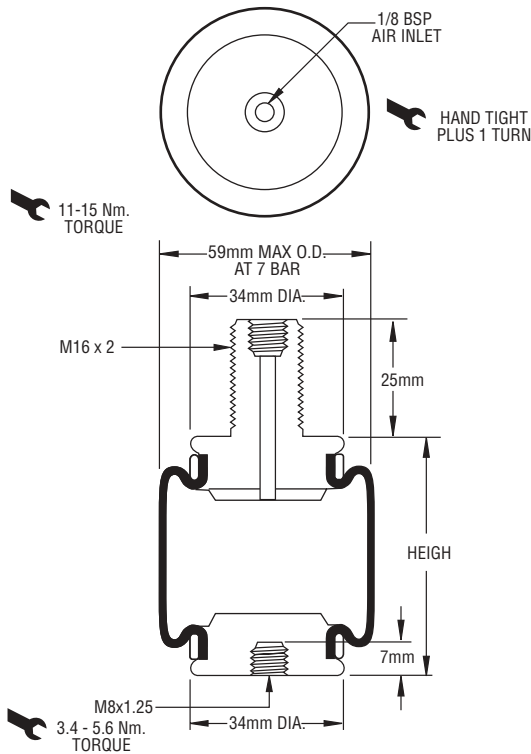


| Description | | Assembly Order No. |
|---|--------------------------------------|--------------------|
| Style 2M2A | Blind Nut, 1/8 BSP, plastic studs | W02-M58-3019 |
| Two Ply Bellows | | |
| Assembly weight | | 0.07 kg. |
| Force to collapse to minimum height (@ 0 BAR) | | 22 N. |



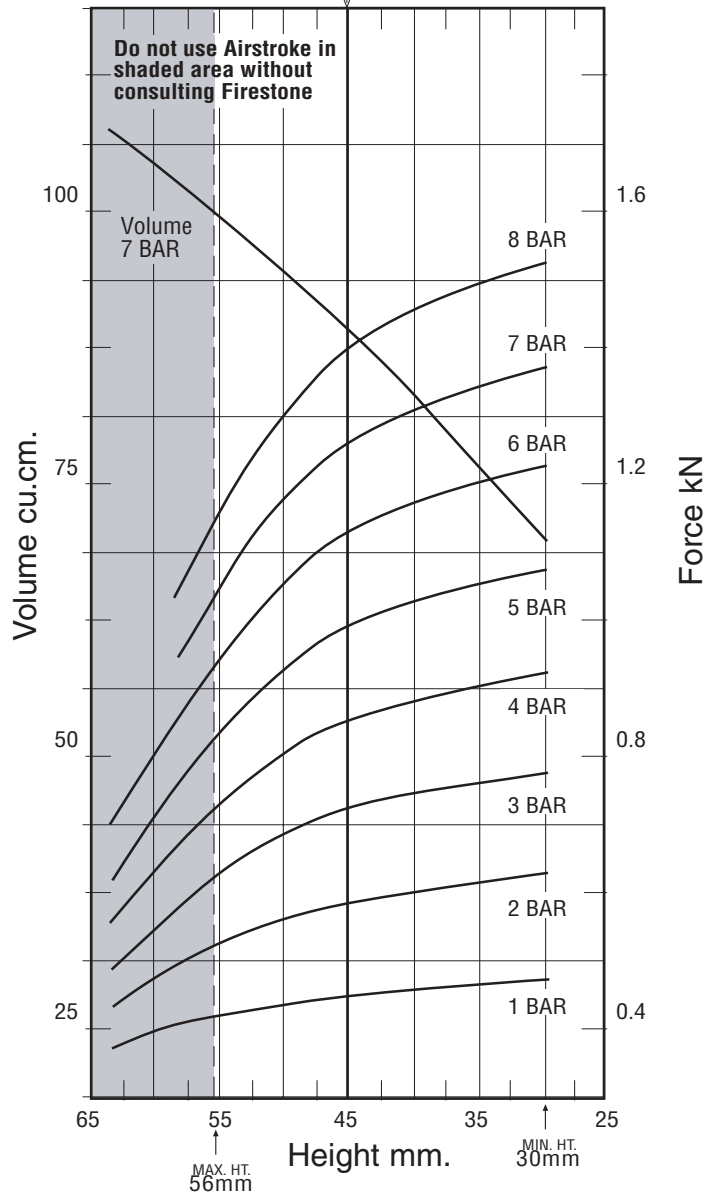
NOTE: This Airstroke actuator must be guided throughout the stroke.

NOTE: The 2M2A must be supported laterally when used as an isolator. Contact Firestone for use in isolation applications.

| Dynamic Characteristics at 45 mm Design Height (Required for Airmount isolator design only) | | | |
|--|-----------|--------------------|----------------------|
| Gauge Pressure (BAR) | Load (kN) | Spring Rate (kN/m) | Natural Frequency Hz |
| 3 | 0.42 | 18 | 3.27 |
| 4 | 0.55 | 23 | 3.23 |
| 5 | 0.68 | 29 | 3.25 |
| 6 | 0.82 | 34 | 3.22 |
| 7 | 0.95 | 39 | 3.20 |

RECOMMENDED
AIRMOUNT
DESIGN HEIGHT
45 mm.

Static Data
B6575



See page 12 for instructions on how to use chart.

| Force Table (Use for Airstroke® actuator design) | | | | | | | |
|--|------------------------|--------------------------|----------|---------|---------|---------|---------|
| Assembly Height (mm) | Volume @ 7 BAR (cu cm) | EFF Area @ 7 BAR (cm**2) | kN Force | | | | |
| | | | @ 3 BAR | @ 4 BAR | @ 5 BAR | @ 6 BAR | @ 7 BAR |
| 55 | 80.30 | 10.4 | 0.32 | 0.41 | 0.52 | 0.62 | 0.73 |
| 45 | 70.46 | 13.6 | 0.42 | 0.55 | 0.68 | 0.82 | 0.95 |
| 35 | 58.99 | 14.8 | 0.45 | 0.60 | 0.75 | 0.90 | 1.04 |
| 25 | 40.56 | 15.6 | 0.49 | 0.64 | 0.79 | 0.94 | 1.09 |