

# 4½" x 3

| PART NUMBER     | TYPE     | RUBBER   | INLET    |
|-----------------|----------|----------|----------|
| CALL AIRBAG MAN | Bellow   | Standard | N/A      |
| DB0439          | Assembly | Standard | 3/8" BSP |
| CALL AIRBAG MAN | Bellow   | Butyl    | N/A      |
| CALL AIRBAG MAN | Assembly | Butyl    | 3/8" BSP |

## Conditions of Use

|                                           |       |
|-------------------------------------------|-------|
| Maximum Working Pressure                  | 8bar  |
| Burst Pressure                            | 50bar |
| Maximum Angle between Top & Bottom Plates | 7°    |
| Maximum Axial Offset                      | 10mm  |

## Precautions to Observe

- Do not exceed stated stroke.
- Do not inflate assembly when it is unrestricted.
- Do not inflate beyond pressures stated without prior consultation with Dunlop.
- Respect maximum and minimum heights.
- The bellows must be securely fixed.
- Do not use without air pressure.

## Operating Temperature

### Standard Rubber...

- Minimum -30°C (-40°C Static)
- Maximum +70°C (+90°C Static)

### Chlorobutyl Rubber...

- Minimum -25°C (-30°C Static)
- Maximum +90°C (+115°C Static)

## Materials

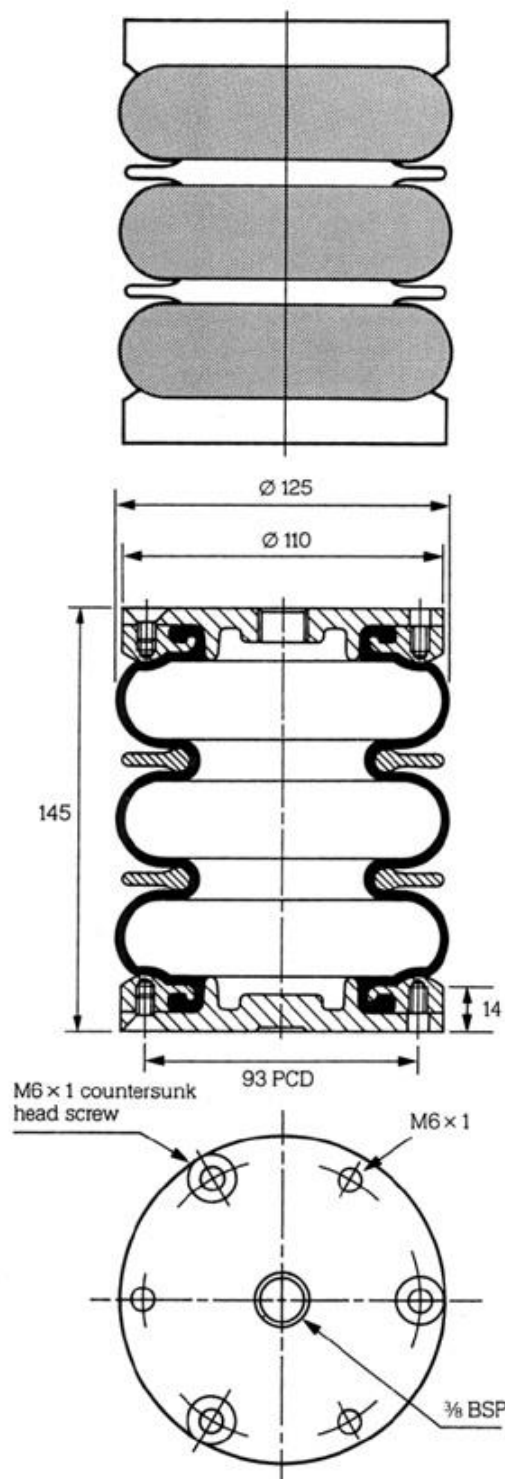
- Bellows : Various rubbers - 'Standard' and 'Chlorobutyl' (High Temperature)
- Metal parts : aluminium alloy

## Note

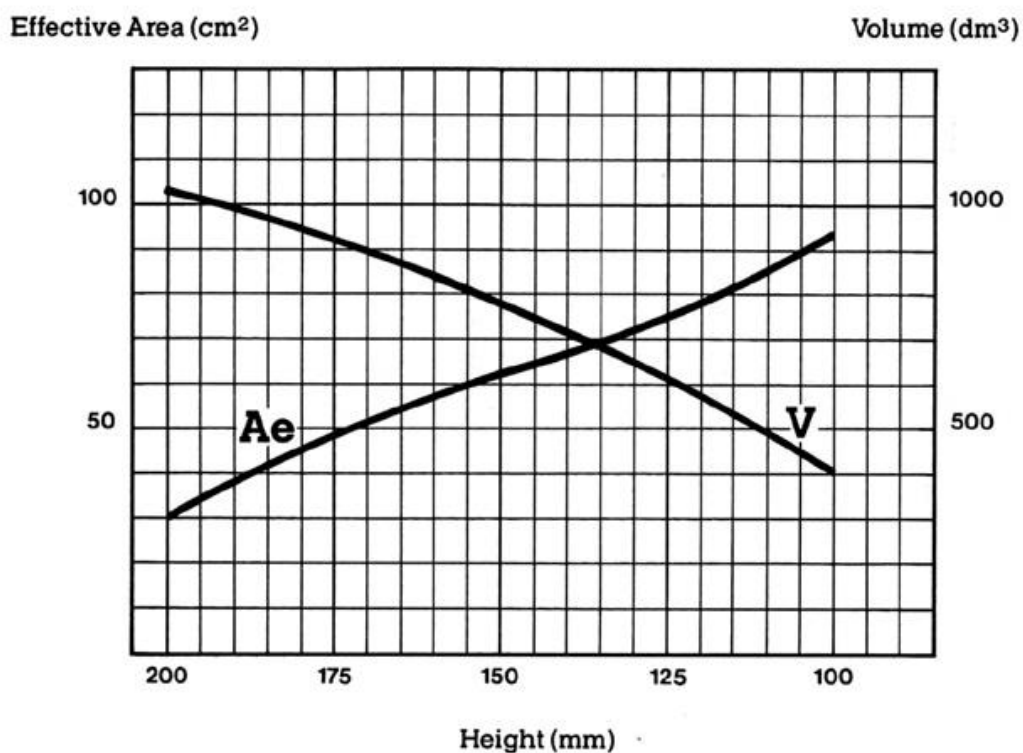
This bellow assembly can be completely dismantled

## Dimensions

|                                 |                   |
|---------------------------------|-------------------|
| Maximum Diameter                | 125mm             |
| Space Required                  | 140mm             |
| Minimum Height                  | 100mm             |
| Maximum Height                  | 200mm             |
| Total Stroke                    | 100mm             |
| Static Height                   | 145mm             |
| Effective Area at Static Height | 65cm <sup>2</sup> |
| Bellows Weight                  | 1.15kg            |



# Effective Area/Height Volume/Height



**Ae** Effective Area cm<sup>2</sup>

**V** Volume dm<sup>3</sup>

The effective area curve values are measured at a pressure of 4 bar (0.4 MPa).

The values of the volume curve are measured at a pressure of 7 bar (0.7 MPa).