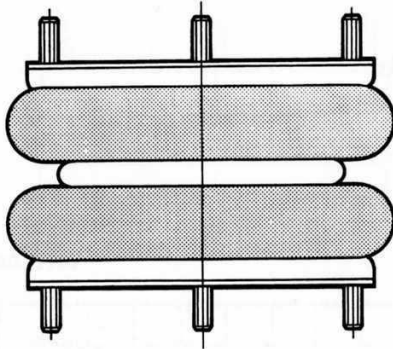


12" x 2

PART NUMBER	TYPE	RUBBER	INLET
VSM 10178	Bellow	Standard	N/A
PNP 30552 01 18	Assembly	Standard	1/2" BSP
A 3 1482 0B 23	Bellow	Butyl	N/A
PNP 30552 01 107	Assembly	Butyl	1/2" BSP

Conditions of Use

Maximum Working Pressure	8bar
Burst Pressure	27bar
Maximum Angle between Top & Bottom Plates	15°
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

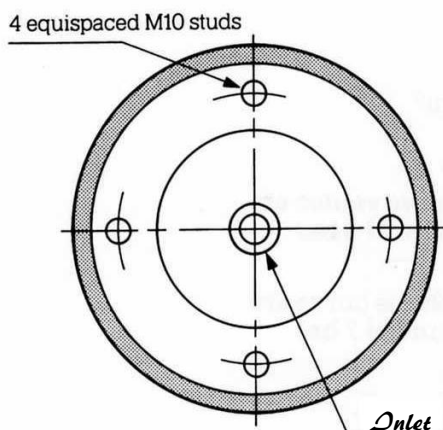
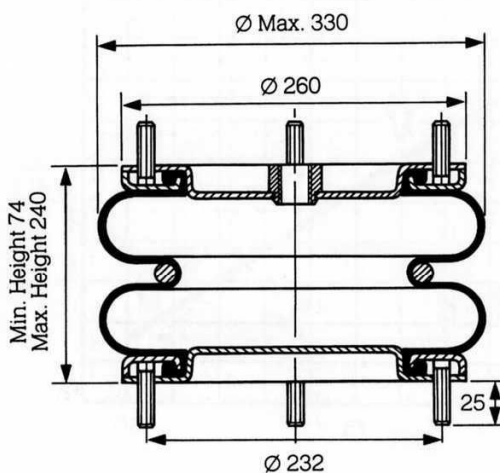
- Bellows : Various rubbers - 'Standard' and 'Chlorobutyl' (High Temperature)
- Metal parts : mild steel, protected by zinc passivate and yellow chromate

Note

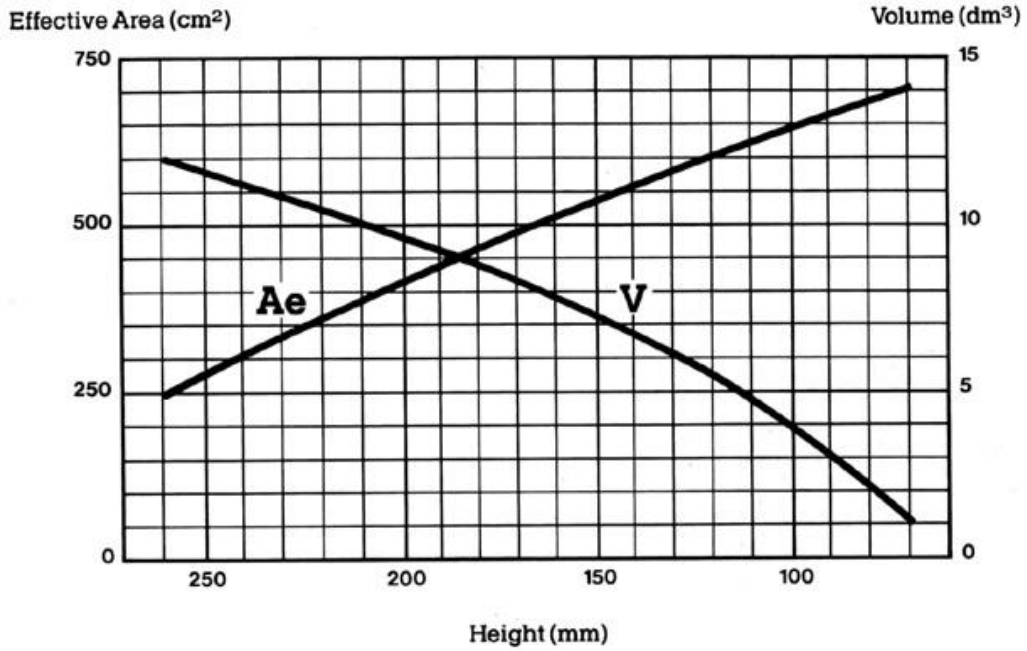
This bellows assembly can be completely dismantled

Dimensions

Maximum Diameter	330mm
Space Required	345mm
Minimum Height	74mm
Maximum Height	240mm
Total Stroke	166mm
Static Height	160mm
Effective Area at Static Height	510cm ²
Bellows Weight	5.85kg



**Effective Area/Height
Volume/Height**



Ae Effective Area cm²

V Volume dm³

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).