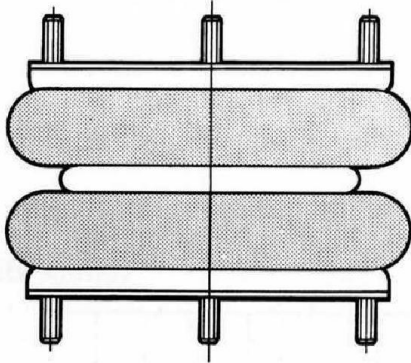


9 1/4" x 2

PART NUMBER	TYPE	RUBBER	INLET
VSM 10131	Bellow	Standard	N/A
PNP 30549 01 08	Assembly	Standard	1/2" BSP

Conditions of Use

Maximum Working Pressure	8bar
Burst Pressure	32bar
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

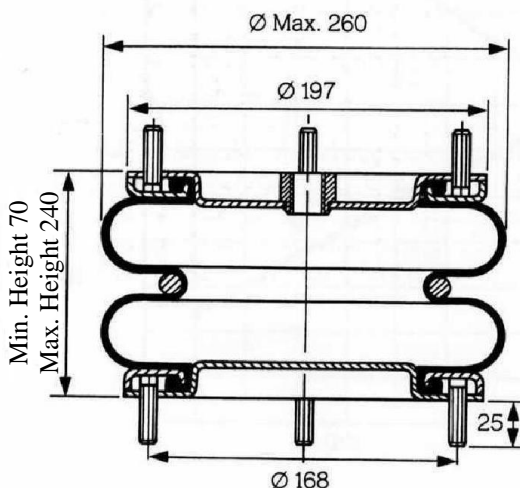
- Bellows : Various rubbers - 'Standard' and 'Chlorobutyl' (High Temperature)
- Metal parts : mild steel, protected by zinc passivate and yellow chromate

Note

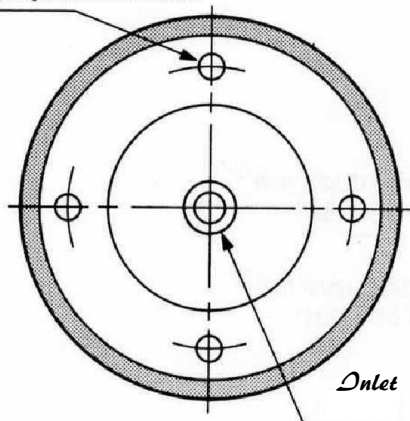
This bellow assembly can be completely dismantled

Dimensions

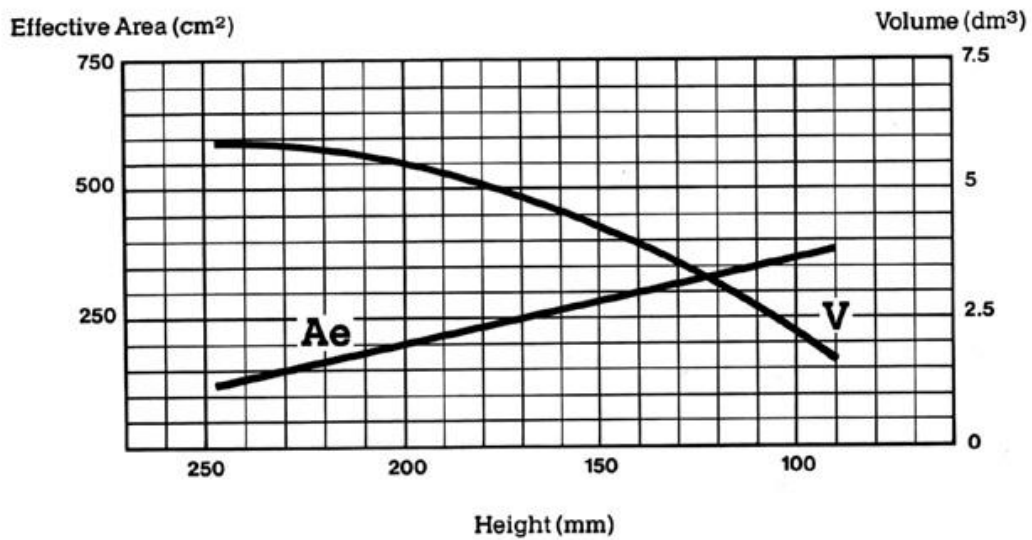
Maximum Diameter	260mm
Space Required	275mm
Minimum Height	70mm
Maximum Height	240mm
Total Stroke	170mm
Static Height	160mm
Effective Area at Static Height	272cm ²
Bellows Weight	4.5kg



4 equispaced M10 studs



**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).