



STOURFLEX®

J & P Supplies Ltd

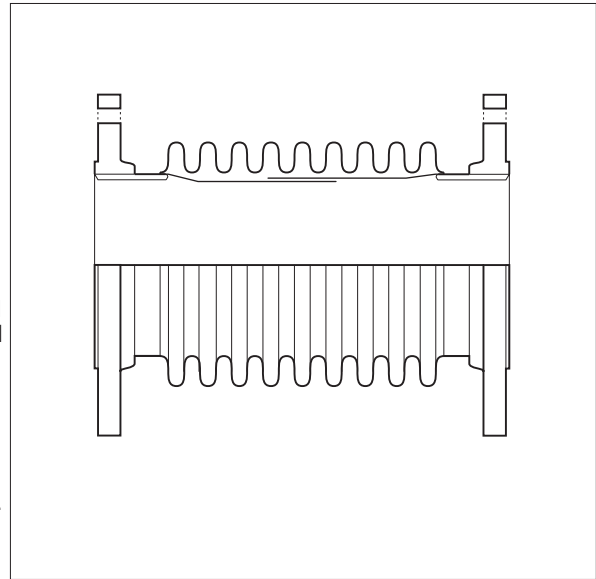
Expansion Joints & Pipeline Equipment

Type JP116VS Axial Expansion Joint Flanged.

Specification Axial expansion joint consisting of stainless steel grade 321 bellows assembly and mating surfaces (stainless steel wetted parts) fitted with zinc plated carbon steel van stone swivel flanges drilled to BS4504 NP16.

Application Stourflex axial expansion joints are designed to accommodate pipe movements in an axial plane (straight runs) due to thermal expansion. They are suitable for use on H.W.S.,L.T.H.W.,M.T.H.W.,H.T.H.W., Steam, gases and other non ferrous applications.

Maximum working temperature 300°C.
Maximum working pressure 16 bar at 200°C.
Stourflex axial expansion joints should not be used at both their maximum working temperature and pressure respectively.
Maximum test pressure = 1.5 x working pressure or 1.5 x flange rating, whichever the lower.



Certificate No: 0904700

| Part Number | N.B. (mm) | Total Movement (±mm) | Supplied Length (mm) | Flange Outside Diameter (Mm) | Force to Compress (N / mm) | Effective Area (Cm ²) | Working Pressure 200°C (bar) | Cold Test Pressure (bar) |
|----------------|-----------|----------------------|----------------------|------------------------------|----------------------------|-----------------------------------|------------------------------|--------------------------|
| JP116VS-32-16 | 32 | +10 -20 | 115 | 140 | 50 | 18 | 16 | 24 |
| JP116VS-40-16 | 40 | +10 -20 | 120 | 150 | 60 | 23 | 16 | 24 |
| JP116VS-50-16 | 50 | +20 -40 | 190 | 165 | 104 | 37 | 16 | 24 |
| JP116VS-65-16 | 65 | +20 -40 | 195 | 185 | 44 | 58 | 16 | 24 |
| JP116VS-80-16 | 80 | +20 -40 | 190 | 200 | 89 | 79 | 16 | 24 |
| JP116VS-100-16 | 100 | +20 -40 | 200 | 220 | 126 | 128 | 16 | 24 |
| JP116VS-125-16 | 125 | +20 -40 | 210 | 250 | 160 | 183 | 16 | 24 |
| JP116VS-150-16 | 150 | +20 -40 | 245 | 285 | 217 | 268 | 16 | 24 |
| JP116VS-200-16 | 200 | +20 -40 | 245 | 340 | 347 | 437 | 16 | 24 |
| JP116VS-250-16 | 250 | +20 -40 | 250 | 405 | 295 | 705 | 16 | 24 |
| JP116VS-300-16 | 300 | +20 -40 | 250 | 460 | 248 | 984 | 16 | 24 |

Stainless steel grade 321 internal flow sleeve fitted as standard. External protective sleeve available on request.

Where service conditions above 300°C or 16 bar exist or where additional movement is required non standard variations of the **Type JP116VS** are available if required.

Alternative flange drillings are available.

Stourflex axial expansion joints are supplied at their neutral length shown above and can be extended on installation (cold draw) to achieve total movement. Do not exceed total movement..

Axial expansion joints must be securely anchored and adequately guided to ensure their correct performance. Omitting anchors and guides may result in failure of the system.

All Stourflex products should be installed in accordance with our fitting instructions.

09/2010/C6