

Dynamic Bellows®

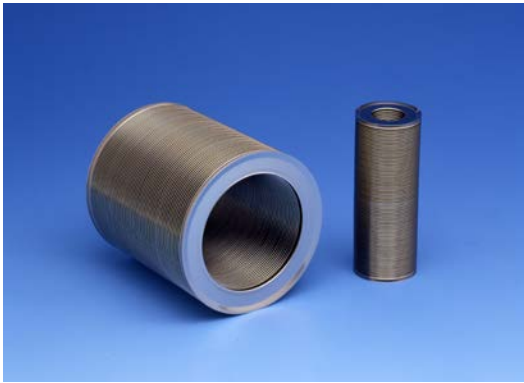
Welded metal bellows

For ultra high vacuum and contamination free seals

- Available in standard sizes
- Available in various materials including Nickel Alloy, Inconel
- High reliability and leak tightness

Applications

- Valve equipment
- Bellows mechanical seal
- Down-hole tool and sensors



Dynamic Bellows®/V Series

Bellows welded both inner and outer edges by SUPERIOR WORKMANSHIP. V Series is provided with various metal sheet materials



Dynamic Bellows®/M “Mega” Series

Standard regular vacuum bellows with Low cost and short delivery time, achieved by our superior technology of structural analysis of metals

Features:

- Standard Material: SUS304
- Available in various materials
- Large spring constant
- High performance of welded bellows
- Compact and low cost

Features:

- Long lifespan
- High reliability
- Cleanness
- Low cost

Applicable Range:

- Pressure: Ultra high vacuum – 0.1MPa
- Temperature: -250°C - +350°C
- Type of Fluid: any that is compatible with material construction
- Expansion Range: (10mm/block x No. of Blocks)

Standard Specification:

- Pressure: internal vacuum, external ambient
- Temperature: Ambient
- Material of Construction: SUS316L
- Useful Lifespan: 5×10^6 cycles
- Leakage: $< 1 \times 10^{-10} \text{Pa} \cdot \text{m}^3/\text{sec}$



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