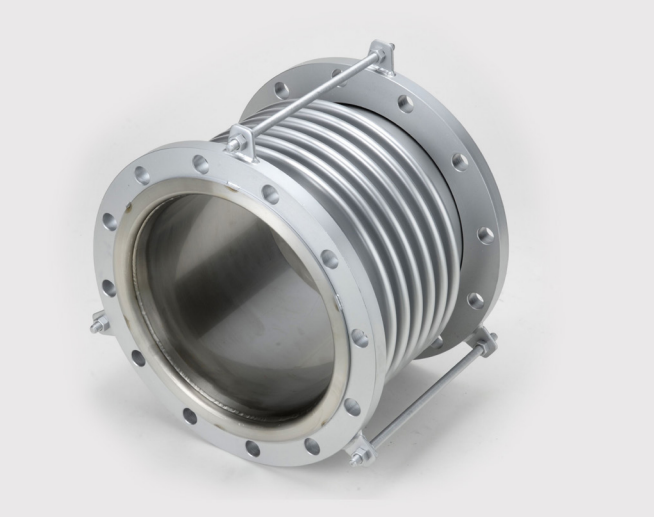
NK-VN6500 Single Bellow, Flanged Type with Tie Rods

NFK
TOP JAPANESE BRAND
SINCE 1971

◆ APPLICATION

- Compensating for thermal expansion and contraction
- Support structural movement in buildings, bridges, and infrastructure
- Protect equipment from stress and fatigue due to temperature changes
- Restricting axial movement and restraining pressure thrust



◆ FEATURES

- Applicable Media

Water, Air, Steam, Oil, Hot Oil, Gas, Exhaust Gas...etc

*For others, please contact us for consultation

- Woking Pressure: Up to 1.6MPa

*Higher Pressure is available on request

- Working Temperature: Up to 650 Deg. C.

*Disregard working pressure

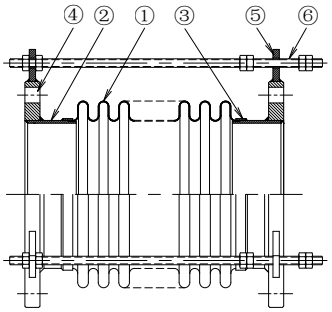
**Higher Temperature is available on request

- End Connection: JIS, DIN, EN, BS, ASME

*Special standard is available on request

STRUCTURE

No	Parts Name	Material
1	Bellows	Stainless Steel (304 . 321 . 316L . Others)
2	End pipe	Carbon Steel . Stainless Steel
3	Collar	Stainless Steel
4	Fixed flange	Carbon Steel . Stainless Steel
5	Holder	Carbon Steel . Stainless Steel
6	Tie rods	Carbon Steel . Stainless Steel



Unit (mm)

SPECIFICATION

Size		Inner diameter ID	Expansion Amount	Contraction Amount	Main Anchor Loading Force (N)	Min. OAL
DN	Inch					
50	2	59.1	10	10	8,530	180
65	2-1/2	74.9	10	10	12,540	180
80	3	87.3	10	10	17,903	180
100	4	111.4	10	15	26,465	200
125	5	136.9	10	15	36,254	250
150	6	161.9	10	15	48,287	250
200	8	213.1	10	15	81,480	300
250	10	264.2	10	15	119,021	300
300	12	315	10	15	160,077	300

Calculated at 1.6 MPa and 40 °C

INSTALLATION GUIDE

- Read the manual for proper setup and long-term reliability.
- Install strong fixed points to resist spring force and pressure thrust.
- Place fixed points close to the expansion joint.
- Use only one joint between two fixed points

NOTES

- The information in this catalog may be subject to updates or modifications without prior notice.
- Special lengths are available on request.
- Special contraction and expansion amounts are available on request.
- Available in sizes up to DN1000 upon request.