

NK-VN7000 | Single Bellow, Reinforcing Ring Type



◆ APPLICATION

- Compensating for thermal expansion and contraction
- High Pressure Resistance
- Protect equipment from stress and fatigue due to temperature changes
- Restricting axial movement and restraining pressure thrust

◆ FEATURES

- Applicable Media
Water, Air, Low-pressure Steam, Oil, Hot Oil, Gas, Exhaust Gas...etc
- *For others, please contact us for consultation

- Working Pressure: Up to 2.0MPa

*Higher Pressure is available on request

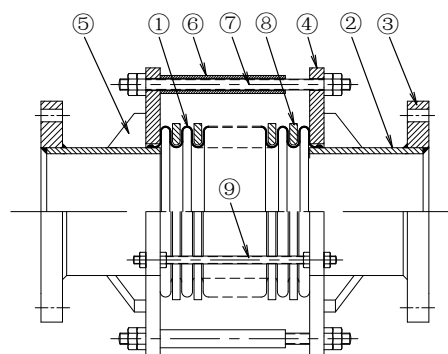
- Working Temperature: Up to 650 Deg. C.

*Disregard working pressure

**Higher Temperature is available on request

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

*Special standard is available on request



Unit (mm)

STRUCTURE

No.	Parts	Material
1	Bellows	Stainless Steel (304 . 321 . 316L . Others)
2	End pipe	Carbon Steel . Stainless Steel
3	Flange	Carbon Steel . Stainless Steel
4	Neck ring	Carbon Steel . Stainless Steel
5	Rib	Carbon Steel . Stainless Steel
6	Stopper	Carbon Steel . Stainless Steel
7	Tie rods	Carbon Steel . Stainless Steel
8	Reinforce ring	Carbon Steel . Stainless Steel
9	Shipping bolts	Carbon Steel . Stainless Steel

SPECIFICATION

Size		Inner diameter ID	Expansion Amount	Contraction Amount	Main Anchor Loading Force (N)	Standard OAL
DN	Inch					
50	2	59.1	10	25	9,964	400
65	2-1/2	74.9	10	25	14,830	400
80	3	87.3	10	25	21,019	445
100	4	111.4	10	25	31,341	455
125	5	136.9	10	25	43,321	455
150	6	161.9	10	25	58,017	455
200	8	213.1	10	25	98,125	500
250	10	264.2	10	25	144,035	500
300	12	315	10	25	194,532	500

Calculated at 2.0 MPa and 200 °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

- Best option for Steam and large thermal expansion and contraction
- 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.
- The higher sizes are available upon request.

Scan for more information

NFK VIETNAM CO.,LTD.
Member of Nangoku Flexible Hose Industry

