NK-VN7400 | Double Bellow, Universal Type

NFK
TOP JAPANESE BRAND
SINCE 1971

◆ APPLICATION

- Absorbing large amounts of lateral, axial, and angular movement in piping systems
- Accommodating misalignment in complex piping layouts
- Isolating vibration and reducing noise transmission from pumps, compressors, or other equipments
- Protect equipment from stress and fatigue due to temperature changes

◆ FEATURES

- Applicable Media

Water, Air, Low-pressure 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

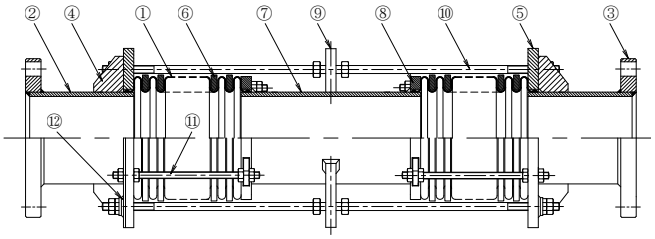
- End Connection: JIS, DIN, EN, BS, ASME

*Special standard is available on request



STRUCTURE

No.	Parts	Material
1	Bellows	Stainless Steel (304 . 321 . 316L . Others)
2	End pipe	Carbon Steel . Stainless Steel
3	Flange	Carbon Steel . Stainless Steel
4	Rib	Carbon Steel . Stainless Steel
5	Guide flange	Carbon Steel . Stainless Steel
6	Reinforce ring	Carbon Steel . Stainless Steel
7	Middle pipe	Carbon Steel . Stainless Steel
8	Neck ring	Carbon Steel . Stainless Steel
9	Holder	Carbon Steel . Stainless Steel
10	Tie rods	Carbon Steel . Stainless Steel
11	Shipping bolts	Carbon Steel . Stainless Steel
12	Spherical washer	Carbon Steel . Stainless Steel



Unit (mm)

SPECIFICATION

Size		Inner diameter ID	Lateral move Y50	Lateral move Y100	Main Anchor Loading Force (N)
DN	Inch		Standard OAL		
50	2	59.1	650	850	8,530
65	2-1/2	74.9	750	800	12,540
80	3	87.3	800	900	17,903
100	4	111.4	800	1,000	26,465
125	5	136.9	850	1,050	36,254
150	6	161.9	900	1,100	48,287
200	8	213.1	1,000	1,300	81,480
250	10	264.2	1,150	1,500	119,021
300	12	315	1,200	1,600	160,077

Calculated at 1.6 MPa and 100°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

- Optimal solution for absorbing lateral, axial, and angular movements in piping systems
- 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.