



DOUBLE SPHERE EXPANSION RUBBER JOINT



FEATURES

PN10 / PN16 / 150LB / JIS10K

Size: 1-1/2" ~ 24" (40~600mm)

Body materials: NR, CR, NBR, EPDM, IIR, FKM

Flanges materials: mild steel, S.S.304, S.S.316

Reduce pipeline system vibration and noise

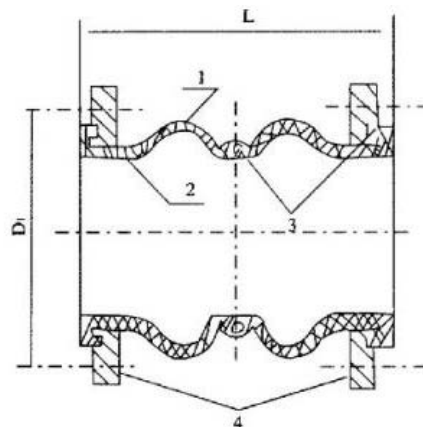
Good sealing, light weight, easy installation, long service life

Solve the problem of axial movement, transverse movement, angular movement

Acid resistance, alkali resistance, corrosive resistance, oil resistance, heat resistance

TECHNICAL SPECIFICATIONS

Item	KST-1	KST-2	KST-3
Working Pressure (MPa)	1.0	1.6	2.5
Burst Pressure (MPa)	2.0	3.0	4.5
Vacuum (KPa)	53.3	86.7	100
Applicable Temperature (°C)	-20°C ~ +115°C (-30°C ~ +250°C is available)		
Applicable Mediums	Air, Compressed Air, Water, Sea Water, Hot Water, Oil, Acid, Alkali		

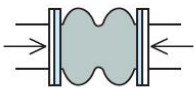




PARTS AND MATERIALS

NO.	PARTS	MATERIALS
1	Inner Rubber	NR, CR, NBR, EPDM, IIR, FKM
2	Outer Rubber	NR, CR, NBR, EPDM, IIR, FKM
3	Reinforcing Ring	Carbon Steel
4	Flange	Mild Steel, Ductile Iron, S.S.304, S.S.316
5	Flange Dimensions	PN10 / PN16 / ANSI 150LB / JIS10K

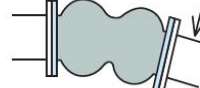
Axial compression



Axial elongation



angular movement



transverse movement



MAIN CONNECTION DIMENSIONS

Nominal Dia.		Dimension (mm)				
mm	inch	L	Axial Elongation	Axial Compression	Transverse Movement	Angular Movement
40	1.5	165	10	20	20	30
50	2	165	10	20	20	30
65	2.5	175	10	20	20	30
80	3	175	10	20	20	30
100	4	225	15	30	25	30
125	5	225	15	30	25	30
150	6	225	15	30	25	30
200	8	325	20	40	30	30
250	10	325	20	40	30	30
300	12	325	20	40	30	30
350	14	325	20	40	30	30
400	16	340-400	20	40	30	30
450	18	340-400	25	45	30	30
500	20	340-400	25	45	30	30
600	24	340-400	25	45	30	30