



SINGLE SPHERE EXPANSION RUBBER JOINT



FEATURES

PN10 / PN16 / 150LB / JIS10K

Size: 1-1/4" ~ 120" (32~3000mm)

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

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

Reduce pipeline system vibration and noise

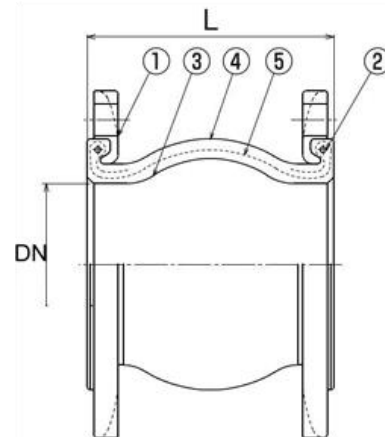
Good sealing, light weight, easy installation, long service life

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

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

TECHNICAL SPECIFICATIONS

Item	KXT-1	KXT-2	KXT-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		

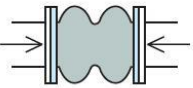




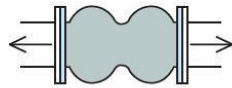
PARTS AND MATERIALS

NO.	PARTS	MATERIALS
1	Flange	Mild Steel, Ductile Iron, S.S.304, S.S.316
2	Reinforcing Ring	Carbon Steel
3	Inner Rubber	NR, CR, NBR, EPDM, IIR, FKM
4	Outer Rubber	NR, CR, NBR, EPDM, IIR, FKM
5	Reinforcing Cord	Synthetic Fiber

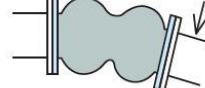
Axial compression



Axial elongation



angular movement



transverse movement



MAIN CONNECTION DIMENSIONS

Nominal Dia.		Dimension (mm)					Dimension (mm)
mm	inch	L	Axial Elongation	Axial Compression	Transverse	(a1+a2)°	Special
					Movement		
32	1.25	95	6	9	9	15	130/150
40	1.5	95	6	10	9	15	130/150
50	2	105	7	11	10	15	130/150/200
65	2.5	115	7	12	11	15	130/150/200
80	3	135	8	15	12	15	130/150/200
100	4	150	10	19	13	15	130/200
125	5	165	12	19	13	15	130/150/200
150	6	180	12	20	14	15	130/150/200
175	7	200	12	20	14	15	/
200	8	200	16	25	22	15	130/150/210
225	9	200	16	25	22	15	/
250	10	230	16	25	22	15	130/150/200
300	12	230	16	25	22	15	130/150/200
350	14	255	16	25	22	15	130/150/200
400	16	255	16	25	22	15	200
450	18	255	16	25	22	15	200
500	20	255	16	25	22	15	200
550	22	255	16	25	22	15	/
600	24	260	16	25	22	15	200
700	28	260	16	25	22	15	/
800	32	260	16	25	22	15	/
900	36	260	16	25	22	15	/
1000	40	260	18	26	24	15	/
1200	48	260	18	26	24	15	/
1400	56	350	20	28	26	15	/
1600	64	350	25	35	30	10	/



LUOKAI
WE MAKE FLOW BETTER

1800	72	350	25	35	30	10	/
2000	80	350	25	35	30	10	/
2200	88	400	25	35	30	10	/
2400	96	400	25	35	30	10	/
2600	104	400	25	35	30	10	/
2800	112	400	25	35	30	10	/
3000	120	400	25	35	30	10	/

Flowspec Luokai Industrial Co., Ltd.