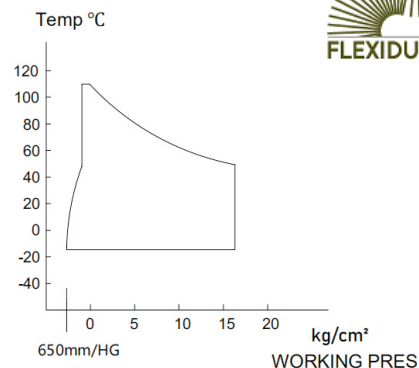
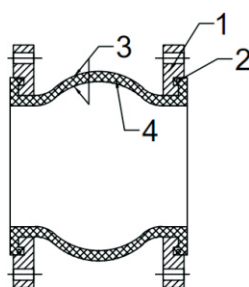




TECHNICAL CONDITIONS

SIZE	1"-12"	14"-24"
Working Pressure	16 bar	10bar
Burst Pressure	48 bar	24 bar

NO.	PART	MATERIAL
1	Flange	C.S* / SS304 / SS316 Carbon
2	Pressurized ring	steel wires strand
3	Outer/inner rubber	EPDM / NBR / NEOP
4	Reinforcing fabric	Nylon cord fabric

C.S* (Galvanizing of carbon steel or hot DIP zinc of carbon steel)

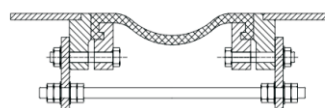
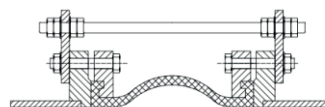
SHEET OF MAIN PARAMETERS OF NORMAL CORE DIAMETER, LENGTH, DISPLACEMENT VALUE

Nomal core diameter		Length (L) (mm)				Axial displacement								Lateral (mm)				Angular	Vacuum (without vacuum ring)	Vacuum (with vacuum ring)
						Compression (mm)				Extension (mm)									Vacuum (without vacuum ring)	Vacuum (with vacuum ring)
mm	inch	S-A	S-B	S-C	S-D	S-A	S-B	S-C	S-D	S-A	S-B	S-C	S-D	S-A	S-B	S-C	S-D		mm H.g.	mm H.g.
25	1	95	130			8	12			5	9			8	12			17°	600	600
32	1¼	95	130			8	12			5	9			8	12			17°	600	600
40	1½	95	130	150		10	12	13		5	9	9		8	12	13		14°	600	600
50	2	105	130	150		10	12	13		5	9	9		8	12	13		11°	600	600
65	2½	115	130	150	125	13	13	13	13	7	9	9	7	9	12	13	9	11°	600	600
80	3	135	130	150		13	13	13		9	9	9		12	12	13		14°	600	600
100	4	150	130	150	135	19	14	15	16	12	9	9	10	13	12	13	13	14°	600	600
125	5	165	130	150	170	19	14	15	19	12	9	9	12	13	12	13	13	11°	225	600
150	6	180	130	150		19	14	15		12	9	9		13	12	13		9°	225	600
200	8	210	130	150	205	25	14	15	25	14	9	9	14	22	12	13	22	8°	225	600
250	10	230	130	200	240	25	14	19	25	16	9	13	16	22	12	19	22	7°	150	250
300	12	245	130	200	260	25	16	19	25	16	9	13	16	22	12	19	22	6°	150	250
350	14	255	130	200	265	25	16	19	25	20	9	13	20	22	12	19	22	5°	150	250
400	16	255		200	265	25		19	25	20		13	20	22		19	22	4°	100	150
450	18	255		200	265	25		19	25	20		13	20	22		19	22	4°	100	150
500	20	255		200	265	25		19	25	20		13	20	22		19	22	3°	100	150
600	24	260		200	265	25		19	25	20		13	20	22		19	22	3°	100	150

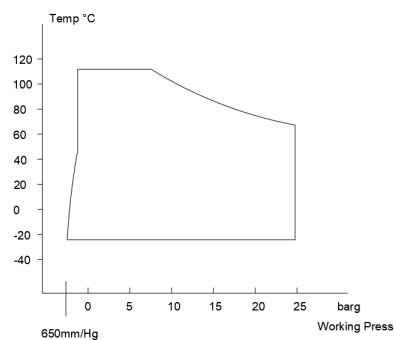
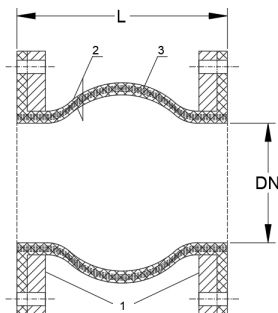
NOTE:

- Other size or lengths can be contacted for consultation.
- Standard material is EPDM . The products are not applicable to oil . Other kinds of rubber material are optional. (Neoprene , Butyl, Nitrile , EPDM , SBR, Natural rubber)
- Applicable fluids : Air , Compressed air, water , sea water , hot water , weak acid , alkalis , etc .
- Flange drilling : JIS , DIN , ANSI , BS and other standard drilling for your specification .
- Tolerances for installation should not over 30% of Allowable movements.
- Control rods must be installed when pressure (test surge , operating , starting a pump , etc.) exceeds the rating below .

Size	1"-4"	5"-10"	12"-14"	16"-24"
Rating	150 psi	135 psi	90 psi	45 psi



RUBBER FACE SINGLE SPHERE



TECHNICAL CONDITIONS

SIZE	1"-12"	14"-24"
Working Pressure	25 bar	15 bar
Testing Pressure	37.5 bar	22.5 bar
Burst Pressure	75 bar	45 bar

NO.	PART	MATERIAL
1	Flange	C.S* / Ss304 / SS316
2	Outer/inner rubber	EPDM / NBR / NEOP
3	Reinforcing fabric	Nylon cord fabric

C.S* (Galvanizing of carbon steel or hot DIP zinc of carbon steel)

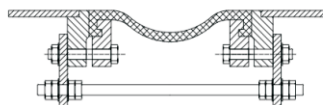
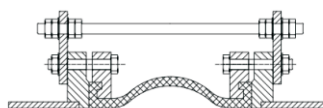
SHEET OF MAIN PARAMETERS OF NORMAL CORE DIAMETER, LENGTH, DISPLACEMENT VALUE

Nomal core diameter		Length (L) (mm)	Axial displacement		Lateral (mm)	Angular	Vacuum (without vacuum ring)	Vacuum (with vacuum ring)
			Compression (mm)	Extension (mm)			mm H.g.	mm H.g.
25	1	95	8	5	8	17°	600	600
32	1¼	95	8	5	8	17°	600	600
40	1½	95	10	5	8	14°	600	600
50	2	105	10	5	8	11°	600	600
65	2½	115	13	7	9	11°	600	600
80	3	135	13	9	12	14°	600	600
100	4	150	19	12	13	14°	600	600
125	5	165	19	12	13	11°	225	600
150	6	180	19	12	13	9°	225	600
200	8	210	25	14	22	8°	225	600
250	10	230	25	16	22	7°	150	250
300	12	245	25	16	22	6°	150	250
350	14	255	25	20	22	5°	150	250
400	16	255	25	20	22	4°	100	150
450	18	255	25	20	22	4°	100	150
500	20	255	25	20	22	3°	100	150
600	24	260	25	20	22	3°	100	150

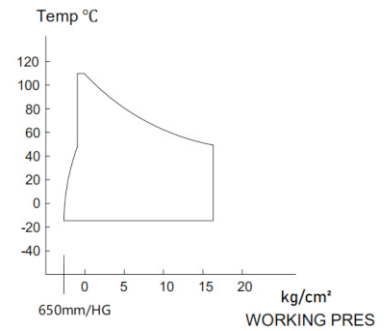
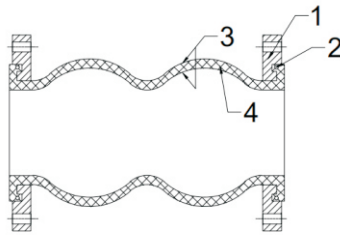
NOTE:

- Other size or lengths can be contacted for consultation.
- Standard material is EPDM . The products are not applicable to oil . Other kinds of rubber material are optional. (Neoprene , Butyl, Nitrile , EPDM , SBR, Natural rubber)
- Applicable fluids : Air , Compressed air, water , sea water , hot water , weak acid , alkalis , etc .
- Flange drilling : JIS , DIN , ANSI , BS and other standard drilling for your specification .
- Tolerances for installation should not over 30% of Allowable movements.
- Control rods must be installed when pressure (test surge , operating , starting a pump , etc.) exceeds the rating below .

Size	1"-4"	5"-10"	12"-14"	16"-24"
Rating	150 psi	135 psi	90 psi	45 psi



DOUBLE ARCH WITH FLANGE



TECHNICAL CONDITIONS

SIZE	1"-12"	14"-24"
Working Pressure	16 bar	8 bar
Burst Pressure	48 bar	24 bar

NO.	PART	MATERIAL
1	Flange	C.S* / Ss304 / SS316
2	Pressurized ring	Carbon steel wires strand
3	Outer/inner rubber	EPDM / NBR / NEOP
4	Reinforcing fabric	Nylon cord fabric

C.S* (Galvanizing of carbon steel or hot DIP zinc of carbon steel)

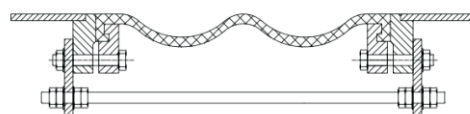
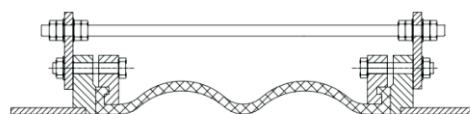
TABLE OF MAIN PARAMETERS OF NORMAL CORE DIAMETER , LENGTH , DISPLACEMENT VALUE

Normal core diameter		Length (L) (mm)		Axial displacement		Lateral (mm)	Angular (deg)	Vacuum (without vacuum ring) mm H.g.	Vacuum (with vacuum ring) mm H.g.
mm	inch	T-A	T-B	Compression (mm)	Extension (mm)				
32	1¼	165	175	50	30	38	38°	600	600
40	1½	165	175	50	30	38	38°	600	600
50	2	165	175	50	30	38	38°	600	600
65	2½	170	175	50	30	38	36°	600	600
80	3	175		50	30	38	36°	600	600
100	4	225	230	50	35	32	30°	600	600
125	5	225	230	50	35	32	25°	225	600
150	6	225	230	50	35	32	21°	225	600
200	8	325	330	50	35	28	17°	225	600
250	10	325	330	50	35	28	13°	150	250
300	12	325	330	50	35	28	9°	150	250
350	14	325	350	45	30	25	8°	150	250
400	16	350		45	30	25	7°	100	150
450	18	350		45	30	25	6°	100	150
500	20	350	400	45	30	25	6°	100	150
600	24	350	400	45	30	25	5°	100	150

NOTE:

- Other size or lengths can be contacted for consultation.
- Standard material is EPDM . The products are not applicable to oil . Other kinds of rubber material are optional. (Neoprene , Butyl, Nitrile , EPDM , SBR, Natural rubber)
- Applicable fluids : Air , Compressed air, water , sea water, hot water , weak acid , alkalis , etc .
- Flange drilling : JIS , DIN , ANSI , BS and other standard drilling for your specification .
- Tolerances for installation should not over 30% of Allowable movements.
- Control rods must be installed when pressure (test surge , operating , starting a pump , etc.) exceeds the rating below .

Size	1"-4"	5"-10"	12"-14"	16"-24"
Rating	150 psi	135 psi	90 psi	45 psi



DOUBLE ARCH WITH UNION THREADS

KXT Series is designed for supply and distribution pipeline service or to connect piping to specific equipment application such as : Pumps , Chillers , Cooling Towers , Compressors , Blowers , Fans , Absorption Machinery , etc . Installed next to mechanical equipment or between the anchor points of piping system , specify to :

- (1) Absorb Pipe / Movement / Stress
- (2) Decrease Systems Noise
- (3) Isolate Vibration
- (4) Compensate alignment /offset
- (5) Eliminate Electrolysis
- (6) Protect Against Start up/Surge Forces

The KTX Series is engineered for tough , demanding industrial commercial application , as found in : Air conditioning , Heating and ventilating systems , Chemical , Petrochemical and industrial process piping systems , Power generating plants , Steel mills , Marine service , Pulp & paper system , Water-wastewater sewage and pollution control systems .



NO.	PART	MATERIAL
1	UNION THREADS	Malleable iron
2	Outer/inner rubber	EPDM / NBR / NR
3	Reinforcing fabric	Nylon cord fabric

Optional Material : UNION =Stainless Steel

TECHNICAL CONDITIONS

SIZE	1/2"-3"
Working Pressure	16bar
Burst Pressure	30bar
Vacuum Rating	600mm/HG
Temperature	-15°C-100°C

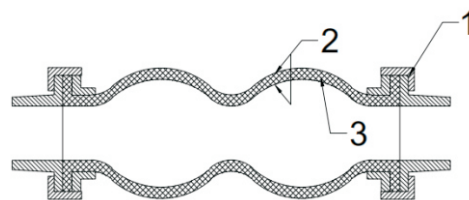


TABLE OF MAIN PARAMETERS OF NORMAL CORE DIAMETER , LENGTH , DISPLACEMENT VALUE

Normal core diameter		Length (L) (mm)	Axial displacement		Lateral (mm)	Angular
mm	inch		Compression (mm)	Extension (mm)		
15	1/2	200	22	6	22	30°
20	3/4	200	22	6	22	30°
25	1	200	22	6	22	25°
32	1 1/4	200	22	6	22	25°
40	1 1/2	200	22	6	22	20°
50	2	200	22	6	22	15°
65	2 1/2	265	24	8	22	12°
80	3	285	24	10	22	10°

NOTE:

1. Other size or lengths can be contacted for consultation.
2. Standard material is EPDM . The products are not applicable to oil . Other kinds of rubber material are optional. (Neoprene , Butyl, Nitrile , EPDM , SBR, Natural rubber)
3. Applicable fluids : Air , Compressed air, water , sea water , hot water , weak acid , alkalis , etc .
4. Union :Standard item employs BSPT Union .Also can supply ANSO , DIN and other standard .
5. Tolerances for installation should not over 30% of Allowable movements.
6. Control unit cable and reinforcing ring must be installed when pressure (test surge , operating , starting a pump , etc.) exceeds the rating.

Size	1/2"-3"
Rating	90 psi

