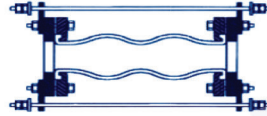
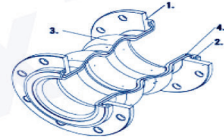


## FLEXIBLE RUBBER JOINT Twin-Sphere

Model : FR-11



WITH CONTROL RODS

### Materials

NO.	Partname	Material
1	Flange	Mild Steel / Stainless steel
2	Wire	Carbon steel wire
3	Elastomer	EPDM / NBR
4	Reinforcing Fabric	Nylon cord fabric

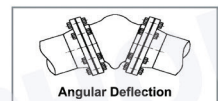
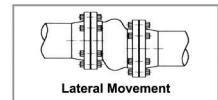
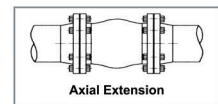
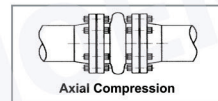
\*Optional Material Flange : Stainless steel

Size I.D.	1"-12"	14"-24"
Working pressure	300 PSI	150 PSI
Burst pressure	854 PSI	342 PSI
Vacuum Rating	650 mm/Hg	
Temperature	-20°C to 100°C / -23°C to 90°C	

Table of Main Parameters of Normal core Diameter, Length, Displacement value

Normal core diameter		Length (L) (mm)	Axial displacement		Lateral (mm)	Angular
mm	in		Compression (mm)	Expansion (mm)		
40	1 1/2	175	50	30	45	35° C
50	2	175	50	30	45	35° C
65	2 1/2	175	50	30	45	35° C
80	3	175	50	30	45	35° C
100	4	225	50	35	40	35° C
125	5	225	50	35	40	35° C
150	6	225	50	35	40	35° C
200	8	325	60	35	35	30° C
250	10	325	60	35	35	30° C
300	12	325	60	35	35	30° C
350	14	350	50	40	30	20° C
400	16	350	50	40	30	20° C
450	18	350	50	40	30	20° C
500	20	350	50	40	30	20° C
600	24	350	50	40	30	20° C

### ALLOWABLE MOVEMENTS



#### NOTE :

- Standard material is EPDM. The products are not applicable to oil. Other kinds of rubber material are optional.
- Standard rated working pressure are 16 bars and 20 bars (up to 300 mm.) to 10 bars (for larger size than 300 mm.)
- 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.