

RUBBER EXPANSION JOINT (DOUBLE SPHERE)

MODEL: RFJD SERIES

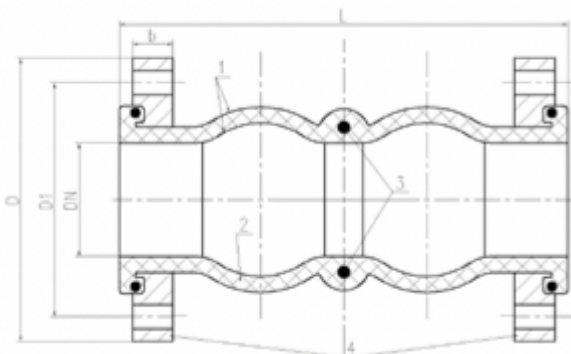
Double-Sphere rubber expansion joint

Applicable

- Air Conditioning system
- Air ducts, Chemical lines.
- Circulating water lines
- Compressor lines, paper stock lines.
- Pump-suction and discharge
- Refrigeration lines.
- Turbine to condenser.



Operating Conditions	RFJS	
• Operating Pressure	10kg/cm ²	16kg/cm ²
• Burst Pressure	20kg/cm ²	30kg/cm ²
• Vacuum Rating	400mm/Hg	650mm/Hg



Vulcanised Rubber Bellows:	1. Rubber core and cover
	2. Nylon tire cord
	3. Steel Wire
Rubber options: EPDM, NBR, Hypalon, Neoprene, Viton, Butyl Rubber, Natural Rubber, PTFE/EPDM	
Loose Flanges:	
Flange standard: DIN, ANSI, BS, JIS, etc	
Flange Options: 304 316 Stainless Steel, Carbon steel, etc	

Allowable Movements

1. Axial Compression	2. Axial Elongation	3. Transverse Movement	4. Angular Deflection

Specification

Size		Length mm	Allowable Movements in Operation			
inch	mm		Axial Extension mm	Axial Compression mm	Transverse Movement mm	Angular Deflection
1.1/2"	40	165	30	50	45	40°
2"	50	165	30	50	45	40°
2.1/2"	65	175	30	50	45	40°
3"	80	175	30	50	45	40°
4	100	225	35	50	40	35°
5	125	225	35	50	40	35°
6	150	225	35	50	40	35°
8	200	325	35	60	35	30°
10	250	325	35	60	35	30°
12	300	325	35	60	35	30°
14	350	325	35	60	35	30°
16	400	340—400	35	60	35	30°
18	450	340—400	35	60	35	30°
20	500	340—400	35	60	35	30°
24	600	340—400	35	60	35	30°