

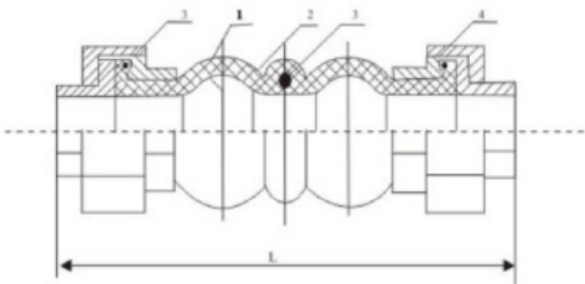


JGD-B Threaded Union Rubber Expansion Joint

Small-diameter threaded flexible connection | Standard stock + fast custom production



JGD-B threaded union configuration



Structural / dimensional drawing

Key Supply & Configuration Data

Catalog Size Range	DN15-DN80 / 1/2-3 inch
Connection	Threaded union connection; final thread form, engagement and interface dimensions confirmed by order specification or drawing
Face-to-Face L	203 mm for DN15-DN50; DN65: 240/265 mm; DN80: 240/285 mm
Working Pressure	1.6 MPa catalog reference
Rubber Materials	NR / NBR / EPDM
Reinforcement	Nylon cord fabric + steel wire pressurized ring
Union Material	Catalog reference: forged cast iron
Movement	Axial extension / axial compression / lateral displacement / 45 deg angular deflection
Production	Common configurations in stock + fast custom production

Stock & Custom Production

- Common JGD-B sizes and standard threaded-union configurations are available for immediate shipment.
- Custom production can start the same day after drawing and specification confirmation.
- Thread interface, length, rubber compound and union material can be customized to approved drawings.



Technical Conditions & Size Reference

JGD-B catalog data. Final thread connection and service suitability are confirmed for the actual project.

Technical Conditions

Working Pressure	1.6 MPa
Bursting Pressure	4.8 MPa
Vacuum	53.3 kPa (400 mmHg)
Applicable Temperature	-15 to +115 C catalog range; special conditions can reach -30 to +250 C
Applicable Media	Water, sea water, hot water, air, compressed air, oil, acid, alkali, etc.

Special-temperature service requires confirmation of the rubber compound, pressure rating and actual medium.

Main Connection Dimensions

L / movement in mm | Angular deflection in degrees

DN	Inch	L	Axial Extension	Axial Compression	Lateral Movement	Angular Deflection
15	1/2	203	5-6	22	22	45
20	3/4	203	5-6	22	22	45
25	1	203	5-6	22	22	45
32	1 1/4	203	5-6	22	22	45
40	1 1/2	203	5-6	22	22	45
50	2	203	5-6	22	22	45
65	2 1/2	240 / 265	8-10	24	24	45
80	3	240 / 285	8-10	24	24	45

Selection & Quotation Note

Catalog movement values are size-specific references. Maximum axial, lateral and angular movements should not be assumed to occur simultaneously. For replacement or custom service, confirm the thread interface and engagement dimensions from the existing part, sample or approved drawing. For quotation, provide DN/thread size, medium, pressure, temperature, required L, quantity and drawing or sample details if available.

For detailed technical requirements, custom configurations or project questions, please contact us.