

EXPANSION JOINT

Thread End Rubber Expansion Joint

REF **EFC-311** ISSUED 05 Jun 2026

SPECIFICATIONS

Size	DN15–DN65
Pressure	1.6
End connection	threaded (BSPT) / threaded (NPT)
Temperature	null°C to null°C
Media	Air, Compressed Water, Weak Acid, Alkali

APPROVALS & CERTIFICATIONS

- LR (Lloyd's Register) approved
- ECM (Ente Certificazione Macchine) certified
- ISO certified
- EAC (Eurasian Conformity) marked
- CE marked
- Bureau Veritas certified
- ACS (Attestation de Conformité Sanitaire) approved
- WRAS Approved Product

APPLICATIONS

- Residential piping
- HVAC units
- Cooling systems
- Small industrial lines



MATERIALS

joint	Cast Iron	liner	Elastomer
frame	Synthetic Fabric, Stainless Steel	steel wire	Carbon Steel
body	Cast Iron	seat	other
stem	Carbon Steel		

FEATURES

- Absorbs axial compression and extension movements
- Reduces system noise and vibration
- Small volume and low weight
- Resistance to acid, alkali, oil, and electrolytic media
- Working pressure: 1.6 MPa
- Bursting pressure: 3 MPa
- Angle of deflection: 15°
- Vacuity: -15 to 115 kPa (mmHg notation used in source)
- PN16 pressure rating visible on product label (image 1)
- Threaded union end connections (male/female BSP)
- Dual-arch rubber bellows element
- Galvanised malleable iron union end fittings
- Range includes single-arch and double-arch rubber bellows variants with threaded union ends (visible in group shot)

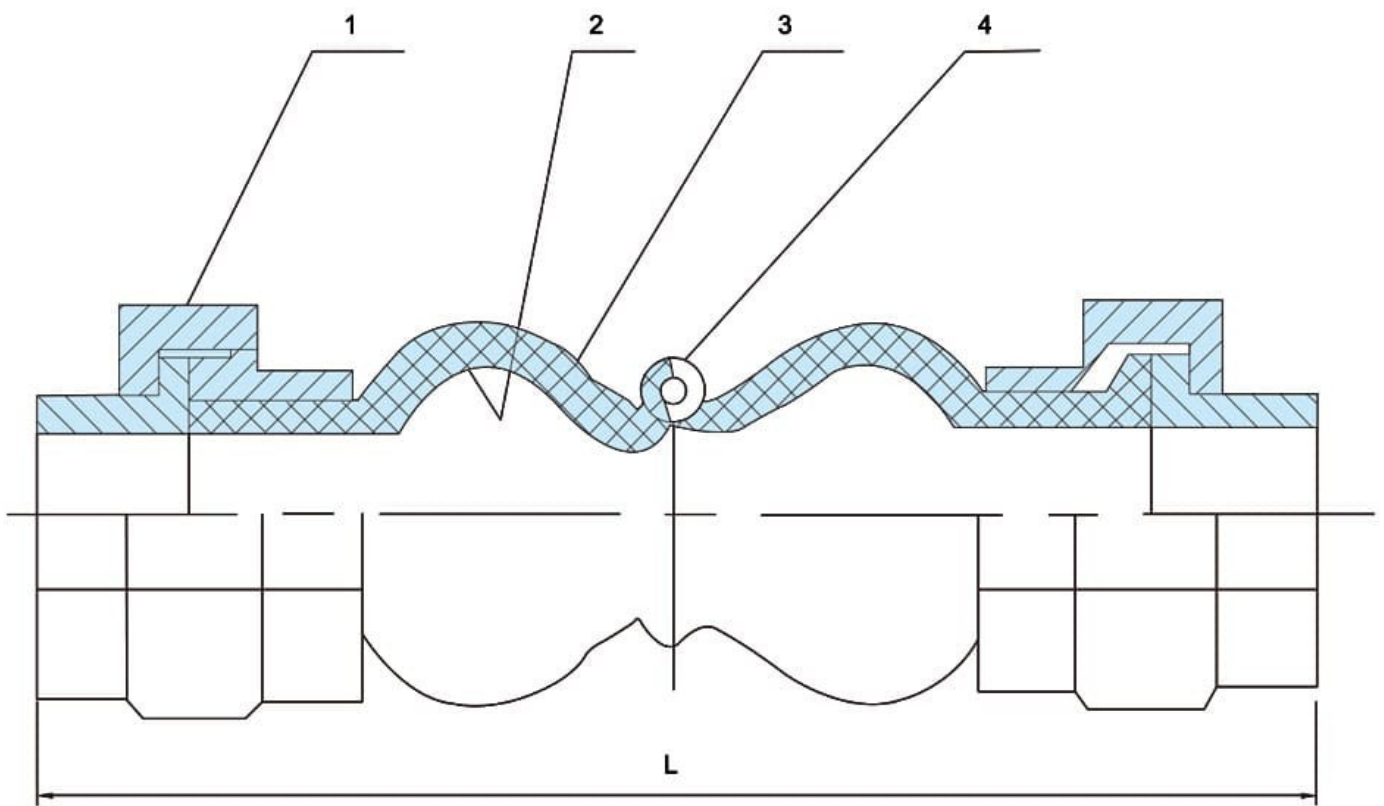
OPTIONS & NOTES

- Our products hold up to 10 international authoritative certification certificates, ensuring compliance with global standards.

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SECTION Technical drawing REF EFC-311



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SECTION Dimensions per size REF EFC-311

SIZE	L	AXIAL_DISPLACE- MENT_STRETCH	AXIAL_DISPLACEMENT_COM- PRESSION	LATERAL_DISPLACEMENT
DN15	180	5~6	22	22
DN20	180	5~6	22	22
DN25	180	5~6	22	22
DN32	200	5~6	22	22
DN40	210	5~6	22	22
DN50	220	5~6	22	22
DN65	245	5~6	22	22

All dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.