

RUBBER EXPANSION JOINT

TECHNICAL PASSPORT

RUBBER EXPANSION JOINT BSPT FEMALE THREADED

DI 7140A

APPLICATION

- Reduction of mechanical and thermal stress on pipes and related systems : pumps, compressors, motors.
- Absorption of vibrations and noise
- Compensation of axial, lateral and angular movements
- Correction of misalignment of the piping.



Fluids : drinking water

GENERAL CHARACTERISTICS

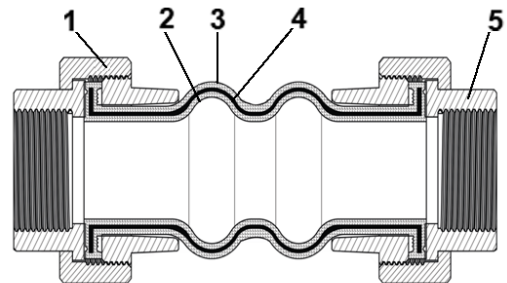
- Range** : from DN15 to DN50.
 Universal expansion joint consisting of :
 ACS EPDM elastomer bellows
 -Female cast iron BSPT threaded ends

CONSTRUCTION

Pos.	Quantity	Description	Material
1	2	Threaded unions	Malleable cast iron
2	1	Tube (inside surface)	ACS EPDM
3	1	Surface	ACS EPDM
4	1	Carcass	Nylon fabric
5	2	Threaded ends	Malleable cast iron with epoxy coating blue color RAL 2015, 50 µm thickness



ACS



STANDARDS

Connection	BSP female threaded ends according to standard ISO 228-1.
Tests	Pressure test according to standards EN12266-1, DIN 3230 and ISO 5208:

PRODUCT APPROVALS



Tecofi France

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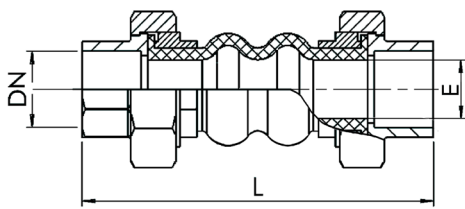
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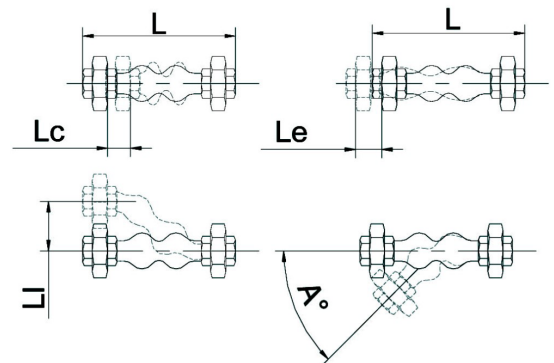
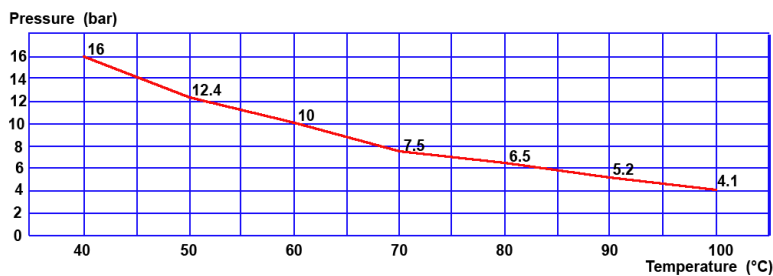
DIMENSIONS



DN		L	E	Lc	Le	Li	A°	Weight (kg)
mm	inch							
15	1/2"	200	14-18	22	6	22	40°	0.45
20	3/4"	200	18-21	22	6	22	40°	0.69
25	1"	200	23-25	22	6	22	40°	1.08
32	1"1/4	200	29-32	22	6	22	40°	1.50
40	1"1/2	200	35-38	22	6	22	40°	1.90
50	2"	200	44-48	22	6	22	40°	2.54

WORKING CONDITIONS

Maximum working pressure : 16 bar
Maximum working temperature : -40°C / 120°C



Lc : Axial compression
Le : Axial elongation
Li : Lateral movement
A° : Angle movement

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