

RUBBER EXPANSION JOINT

TECHNICAL PASSPORT

RUBBER EXPANSION JOINT WITH SWIVEL FLANGE

DI 7242NL130

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 : hot and cold water

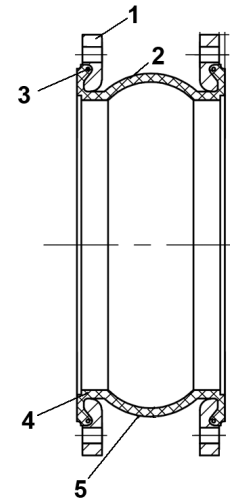


GENERAL CHARACTERISTICS

- Range** : from DN32 to DN300.
Universal expansion joint consisting of :
- EPDM elastomer bellows
 - Swivel flanges made of carbon steel zinc plated.
 - Identical face to face for all diameters.

CONSTRUCTION

Pos.	Description	Material
1	Flange	Zinc plated steel
2	Rubber joint	EPDM
3	Reinforced ring	Carbon steel
4	Reinforcement	Nylon tyre cord
5	Retaining ring	Carbon steel



STANDARDS

Connection	Flange connection according to standard EN 1092-1 : PN10/16 from DN32 to DN150 PN10 from DN200 to DN300.
Tests	Pressure test according to standards EN12266-1, DIN 3230 and ISO 5208:

PRODUCT APPROVALS



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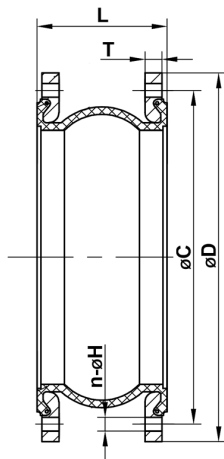
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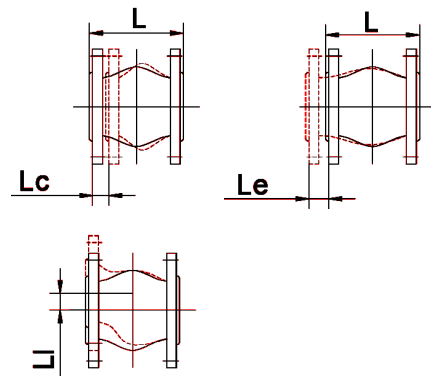
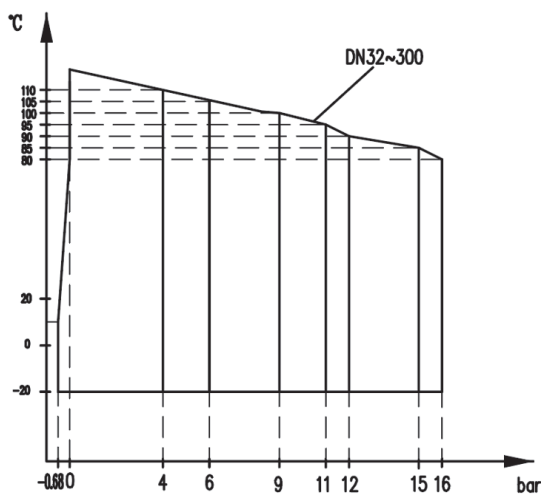
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DIMENSIONS



DN		L	øC	øD	τ	n x ød	b	Lc	Le	Li	Weight (kg)
mm	inch										
32	1"1/4	130	100	140	15	4 x ø18	15	10	6	10	3.13
40	1"1/2	130	110	150	15	4 x ø18	15	10	6	10	3.55
50	2"	130	125	165	15	4 x ø18	15	10	6	10	4.34
65	2"1/2	130	145	185	15	4 x ø18	15	15	8	10	5.30
80	3"	130	160	200	17	8 x ø18	17	15	8	10	6.50
100	4"	130	180	220	17	8 x ø18	17	15	8	10	7.30
125	5"	130	210	250	19	8 x ø18	19	15	8	10	9.45
150	6"	130	240	285	21	8 x ø23	21	15	8	10	12.50
200	8"	130	295	340	21	8 x ø23	21	15	8	10	17.10
250	10"	130	350	395	23	12 x ø23	23	15	8	10	23.90
300	12"	130	400	445	25	12 x ø23	23	15	8	10	25.70

WORKING CONDITIONS



Lc : Axial compression
Le: Axial elongation
Li: Lateral movement

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