ADL APPENDAGES

REF. 1505

RUBBER EXPANSION JOINT EPDM WITH SWIVELING FLANGES PN10/16 L=130mm

EPDM expansion joint with swiveling flanges to absorb vibrations and noises on water distribution, heating and HVAC networks.
Not advisable for hydrocarbons, greasy product and abrasive products.
EPDM single sphere body and floating flanges in electro galvanized carbon steel or AISI 316.
For linear and angular compansion.
130 mm long for all diameters.

LR Type Approval Certificate



Size :	DN32 to DN300
Connection :	Flanges PN10/16
Min Temperature :	-10°C
Max Temperature :	+100°C
Max Pressure :	16 Bars
Specifications :	Absorb vibrations and noises Linear and angular compansion Single sphere EPDM tube Swiveling flanges
Materials :	Electro galvanized steel flanges or AISI 316

Gegevens ter indicatie, wijzigingen voorbehouden.

ADL APPENDAGES

REF. 1505

RUBBER EXPANSION JOINT EPDM WITH SWIVELING FLANGES PN10/16 L=130mm

SPECIFICATIONS :

- Absorb vibration, noises and expansion
- Linear and angular compansion
- Tube EPDM (EPDM marking)
- Electro galvanized steel or AISI 316 flanges PN10/16
- Expansion limiter (option)

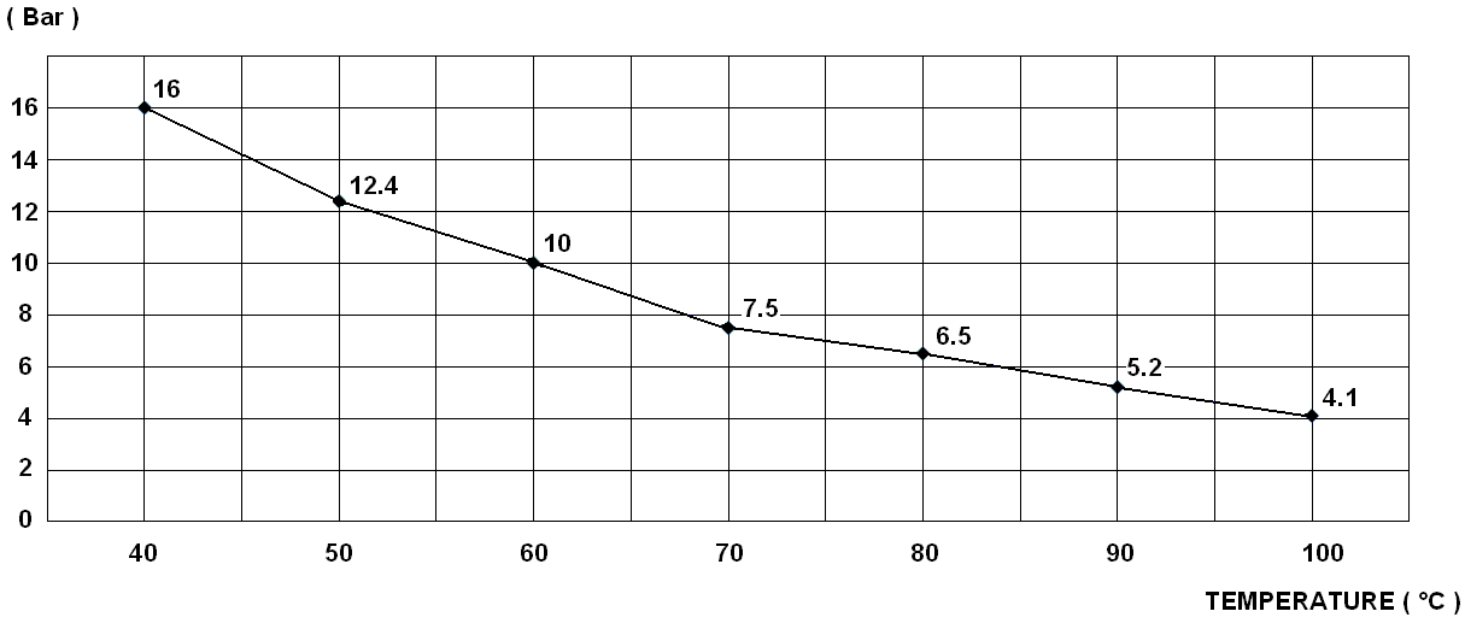
Marking example (EPDM) :



USE :

- Water distribution, heating and HVAC
- Min and max Temperature Ts : - 10°C to + 100°C
- Max Pressure Ps : 16 bars (see graph)

PRESSURE / TEMPERATURE GRAPH (STEAM EXCLUDED):



RANGE :

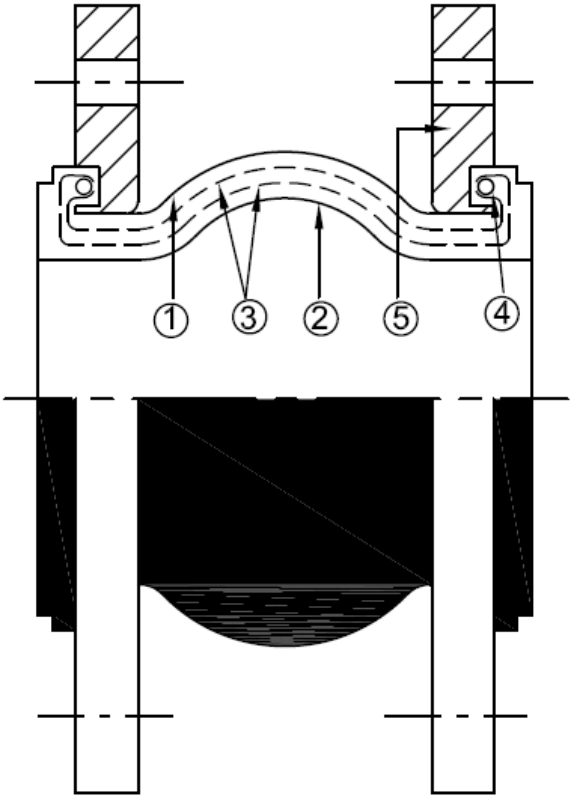
- EPDM expansion joint 130 mm long with floating steel flanges PN10/16 from DN32 to DN150, PN10 over **Ref. 1505**
- Expansion limiter (with 2 studs and 4 plates included) from DN 32 to DN 300 **Ref. 98606**

ADL APPENDAGES

REF. 1505

RUBBER EXPANSION JOINT EPDM WITH SWIVELING FLANGES PN10/16 L=130mm

MATERIALS :



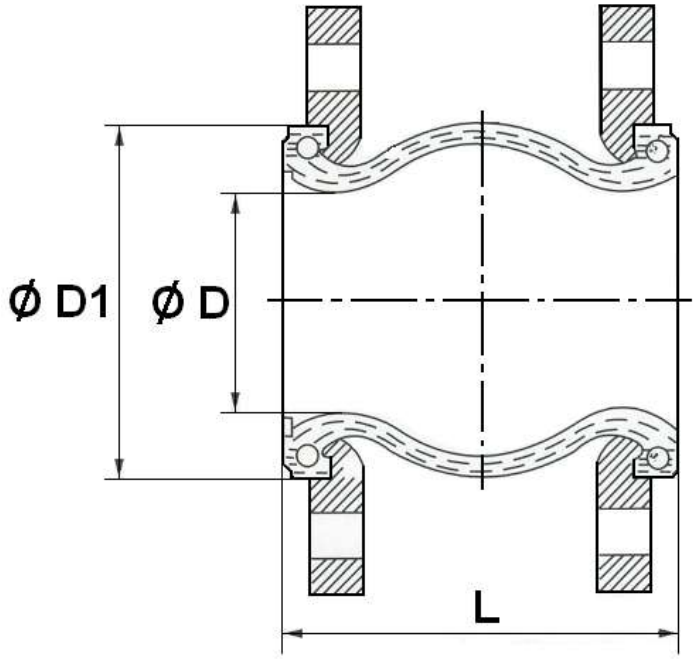
Item	Designation	Materials
1	Cover	EPDM
2	Inner tube	EPDM
3	Reinforcement	Nylon cord
4	Brace	Hard steel
5	Flanges	Electro galvanized steel or AISI 316

ADL APPENDAGES

REF. 1505

RUBBER EXPANSION JOINT EPDM WITH SWIVELING FLANGES PN10/16 L=130mm

SIZE (in mm) :



DN	32	40	50	65	80	100	125	150	200	250	300
L	130	130	130	130	130	130	130	130	130	130	130
Ø D	29	36	48	63	74	92	123	144	199	254	295
Ø D1	69	78	89	108	124	145	180	209	259	322	370
Weight (Kg)	2.85	3.2	4.2	4.95	6	6.85	9.3	11.25	15.7	20.75	23.15
Ref. steel flanges	1505032	1505040	1505050	1505065	1505080	1505100	1505125	1505150	1505200	1505250	1505300
Ref. AISI 316 flanges	1505033	1505041	1505051	1505066	1505081	1505101	1505126	1505151	1505201	1505251	1505301

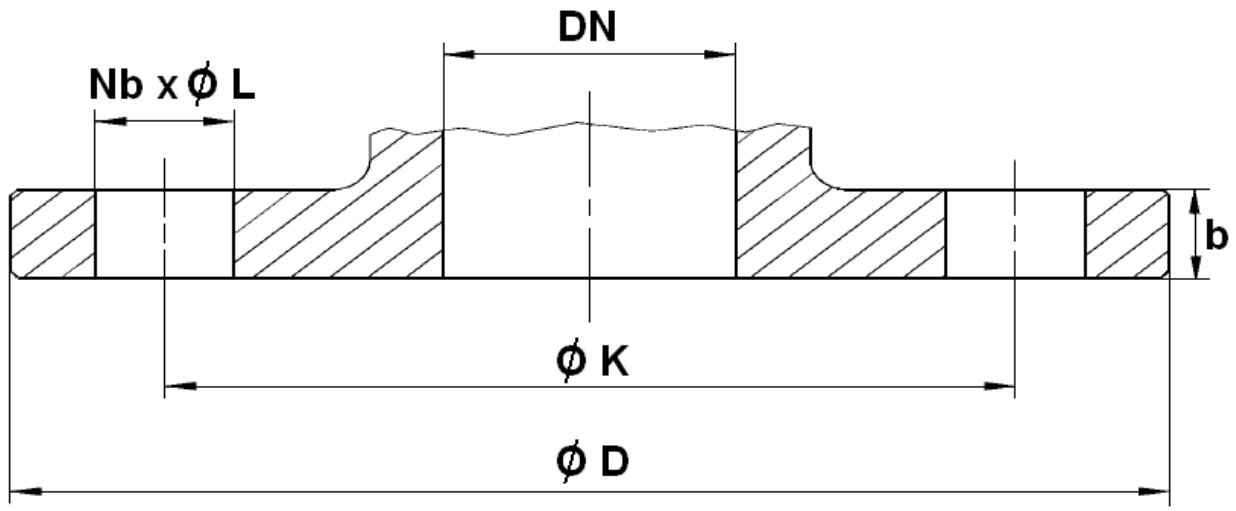
Gegevens ter indicatie, wijzigingen voorbehouden.

ADL APPENDAGES

REF. 1505

RUBBER EXPANSION JOINT EPDM WITH SWIVELING FLANGES PN10/16 L=130mm

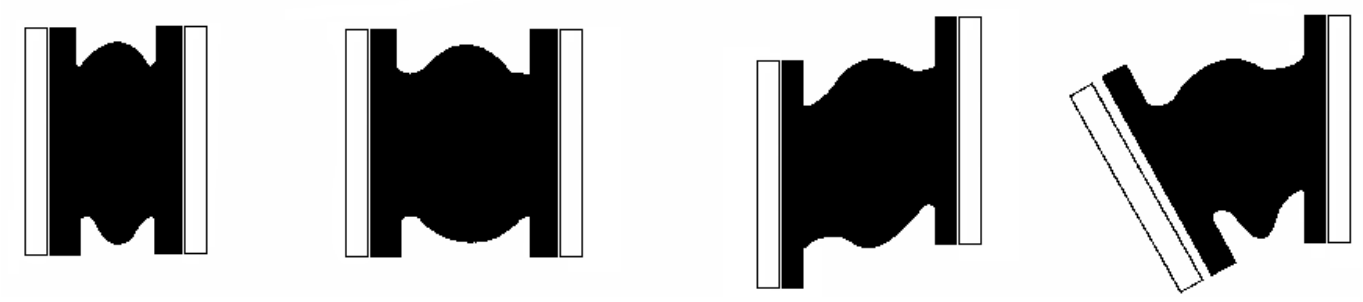
FLANGES SIZE PN10/16 UP TO DN150, PN10 OVER (in mm) :



DN	32	40	50	65	80	100	125	150	200	250	300
Ø D	140	150	165	185	200	220	250	285	340	395	445
Ø K	100	110	125	145	160	180	210	240	295	350	400
Nb x Ø L	4 x 19	4 x 19	4 x 19	4 x 19	8 x 19	8 x 19	8 x 19	8 x 23	8 x 23	12 x 23	12 x 23
b	14	14	15	15	17	17	19	19	20	22	22

RUBBER EXPANSION JOINT EPDM WITH SWIVELING FLANGES PN10/16 L=130mm

MOVEMENTS (in mm) :



DN	32	40	50	65	80	100	125	150	200	250	300
Compansion	8	8	8	12	12	12	16	16	20	20	20
Expansion	4	4	4	6	6	10	10	10	14	14	14
Lateral	8	8	8	10	10	12	12	12	18	18	18
Angular	15°	15°	15°	15°	15°	15°	15°	15°	15°	15°	15°

Maximum movements can't be applied together

STANDARDS :

- Manufacturer certified ISO 9001 : 2015 and ISO 14001 : 2015
- DIRECTIVE 2014/68/EU : Products excluded from directive (Article 4, § 3)
- Flanges according to EN 1092-1 PN10/16
- Rubber joint according to LR Rules and Regulation for the classification of Ships, July 2025 (Type Approval Certificate) **Marine LLOYD'S REGISTER.** Marine and offshore subject to the valves complying LR Rules and Regulations for the particular services.