Teguflex® AV

Antivibratory Expansion Joints

DN 20-DN 200

Design

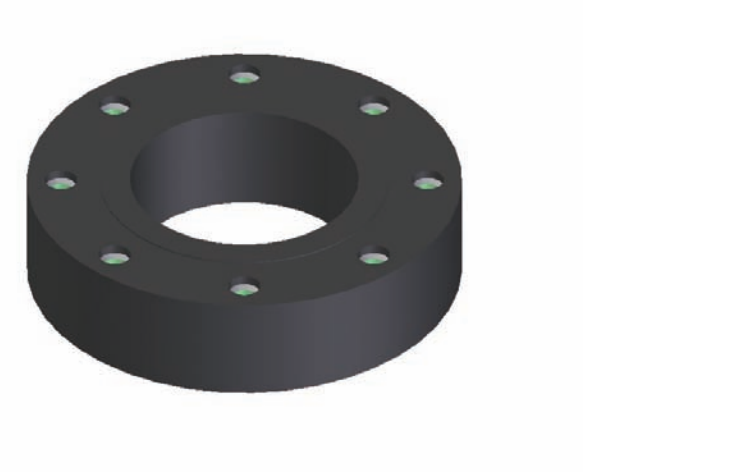
Rubber/metal expansion joints specially designed to relieve high-frecuency surface vibrations and noise transmission in pipelines.

Synthetic rubber body with steel flanges fully inserted into the rubber.

EPDM quality for working temperatures between -10°C / +90°C PN 10 connection acc to EN 1092 / DIN 2501.

Applications

For engines, machinery, pump compressors, etc., where there is a need of dampening noise and vibration.



Joint		Flange PN10 EN1092/DIN2501					Bolts			Maximum	Estimated
DN mm	BL mm	ØD mm	ØK mm	n nos.	ØL mm	C mm	Quantity nos.	Metrics mm	Length mm	pressure kg/cm²	weight kg
20	70	105	75	4	M12	14	8	M12	30	10	2,0
25	70	115	85	4	M12	16	8	M12	30	10	2,5
32	70	140	100	4	M16	16	8	M16	30	10	3,5
40	70	150	110	4	M16	16	8	M16	30	10	3,8
50	70	165	125	4	M16	16	8	M16	35	10	5,0
65	70	185	145	4	M16	16	8	M16	35	10	5,5
80	70	200	160	4	M16	18	8	M16	40	10	6,5
100	70	220	180	8	M16	18	16	M16	40	10	7,5
125	70	250	210	8	M16	18	16	M16	40	10	9,0
150	70	285	240	8	M20	18	16	M20	40	10	12,0
200	90	340	295	8	M20	20	16	M20	45	10	18,0

IMPORTANT NOTICE: Those joints are not suitable for oscillation, tension, torsion, expansion or bending loads. For axial and radial movements or for high-amplitude vibrations use other Teguflex expansion joints.

INSTALLATION

The pipeline must be perfectly aligned and anchored by fixed points.
Use flat washers and hexagonal bolts DIN 933 with a maximum C thread in the joint.

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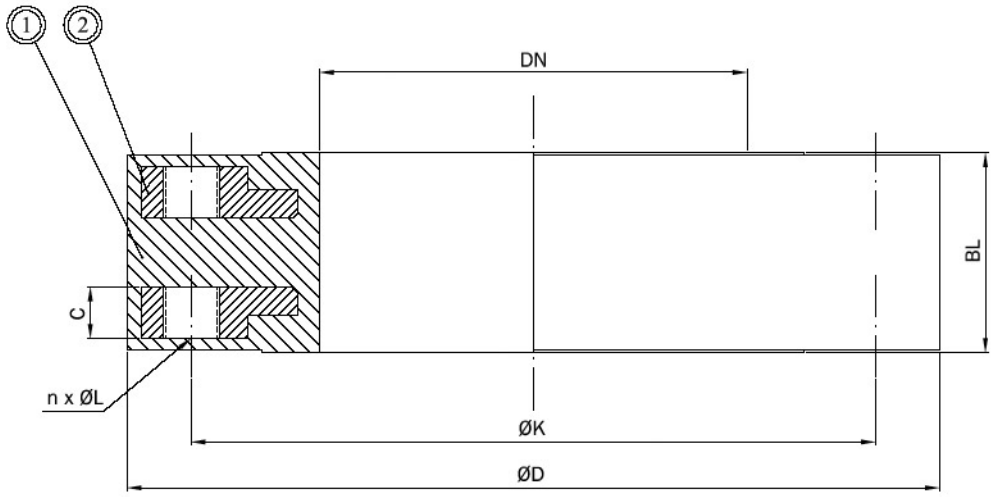

Item	Part	Material
1	Body	Rubber grade EPDM
2	Flange	Carbon steel grade S275 JR

Teguflex AV is the right solution for vibrations and noise problems in pipelines ; however, this type is not suitable to absorb tension, expansion or torsion. When these movements occur, please use Teguflex P or W expansion joints, or contact us.
We will be glad to help you to choose the best category for each application.

Distributor:
Interflex Hose & Bellows Ltd. • *www.integflex.co.uk*
Ludlow Business Park • Ludlow • Shropshire • SY8 1XF • United Kingdom
Tel: +44 (0)1584 878500 • Fax: +44 (0)1584 878115 • Email: teguflex @ integflex.co.uk