Belman

HEATCOMP
SINGLE PLY

Self-guided axial expansion joint with single ply bellow and threaded ends especially constructed for heating installations.

PRODUCT DETAILS

HeatComp is supplied with white painted surfaces, and gives a delicate open installation. HeatComp is protected against outer damages, and is easily mounted with a wrench. Torsion should be avoided.

- Temperatures up to 120°C
- Pressure up to 16 bar
- BSP threads / welding ends
- Movement: 50 mm (+ 15/-35 mm)
- Internal sleeve and outer cover

STANDARD CONSTRUCTION

Bellow: AISI 321
Inner sleeve: AISI 304
Connections: S235
Outer cover: S235

ADVANTAGES

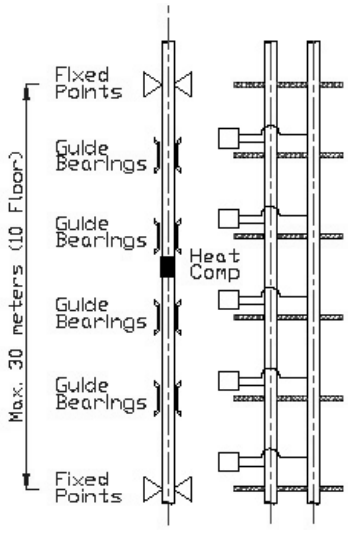
- Solid construction, simple installation
- Self-guided with motion limiters
- Absorbs movements in heating systems
- Movement: 50 mm (+15/-35 mm)
- No pressure loss
- Supplied ready to use

APPLICATIONS

Heat- and ventilation systems, water pipes etc. in large buildings, hospitals and similar constructions.

HeatComp can also be used for pipe systems with domestic water. However, it cannot be used for drinking water as it is not VA approved (approval for water supply and drainage systems).

At 70/90°C heating, one HeatComp per pipe length is sufficient to absorb movement of 30 metres of pipe in carbon steel.
This equals a 10 floor building (see drawing).



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DN (d) mm	NP bar	Outer diameter (D) mm	Eff. area mm2	Movement AX mm	Built-in length mm	Connection ends	Weigth kg
15 (1/2")	16	38,0	707	+15/-35	240	BSP	0,9
20 (3/4")	16	38,0	707	+15/-35	240	BSP	0,8
25 (1")	16	48,0	1090	+15/-35	265	BSP	1,3
32 (1.1/4")	16	60,0	1662	+15/-35	300	BSP	2,3
40 (1.1/2")	16	75,0	2574	+15/-35	300	BSP	3,7
50 (2")	16	75,0	2574	+15/-35	300	BSP	3,6
15 (1/2")	16	38,0	707	+15/-35	240	Welding ends	0,8
20 (3/4")	16	38,0	707	+15/-35	240	Welding ends	0,8
25 (1")	16	48,0	1090	+15/-35	265	Welding ends	1,3
32 (1.1/4")	16	60,0	1662	+15/-35	300	Welding ends	2,3
40 (1.1/2")	16	75,0	2574	+15/-35	300	Welding ends	3,7
50 (2")	16	75,0	2574	+15/-35	300	Welding ends	3,5
65 (2 1/2")	16	107,0	5742	+15/-35	320	Welding ends	3,5
80 (3")	16	127,0	7776	+15/-35	320	Welding ends	4,3
100 (4")	16	157,0	12469	+15/-35	320	Welding ends	6,0