

# HeatComp

## - for heating installations

Self-guided axial expansion joint with 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: 50mm (+15/-35 mm).
- Internal sleeve and outer cover.

### Standard construction

Bellow: AISI 321.  
 Inner sleeve: AISI 316 Ti  
 Connections: R.St. 37-2.  
 Outer cover: R.St. 37-2.

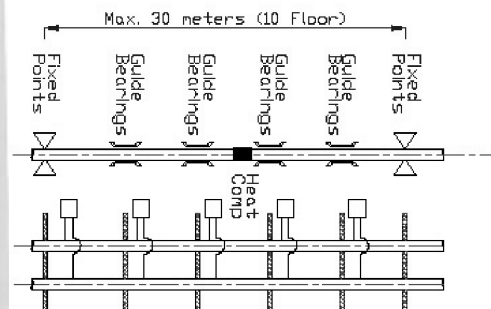
### Advantages

- Solid construction, simple installation.
- Self-guided with motion limiters.
- Absorbs movements in heating systems.
- Movement: 50mm (+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).



NB (d) mm.	NP bar	Outer diameter (D) mm.	Eff. area mm <sup>2</sup>	Movement Axial mm.	Built-in length mm.	Connection ends	Weight kg.
15	16	38,0	707	+15/-35	240	BSP 1/2"	0,9
20	16	38,0	707	+15/-35	240	BSP 3/4"	0,8
25	16	48,0	1090	+15/-35	265	BSP 1"	1,3
32	16	60,0	1662	+15/-35	300	BSP 1.1/4"	2,3
40	16	75,0	2574	+15/-35	300	BSP 1.1/2"	3,7
50	16	75,0	2574	+15/-35	300	BSP 2"	3,6
15	16	38,0	707	+15/-35	240	Welding ends 1/2"	0,8
20	16	38,0	707	+15/-35	240	Welding ends 3/4"	0,8
25	16	48,0	1090	+15/-35	265	Welding ends 1"	1,3
32	16	60,0	1662	+15/-35	300	Welding ends 1.1/4"	2,3
40	16	75,0	2574	+15/-35	300	Welding ends 1.1/2"	3,7
50	16	75,0	2574	+15/-35	300	Welding ends 2"	3,5
65	16	107,0	5742	+15/-35	320	Welding ends 2½"	3,5
80	16	127,0	7776	+15/-35	320	Welding ends 3"	4,3
100	16	157,0	12469	+15/-35	320	Welding ends 4"	6,0

BP 09/2009 – Subject to alterations and eventual misprints.

