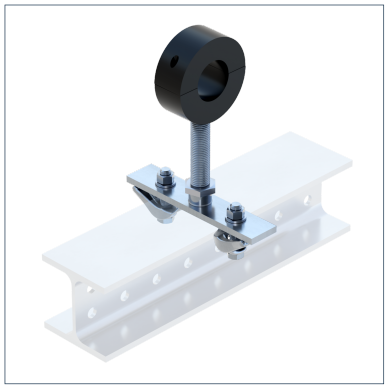
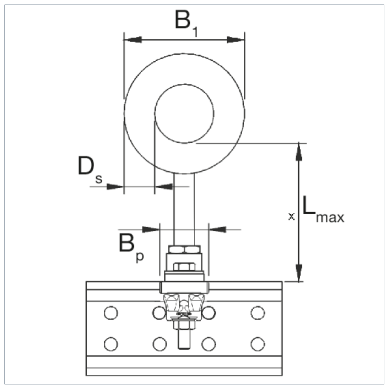
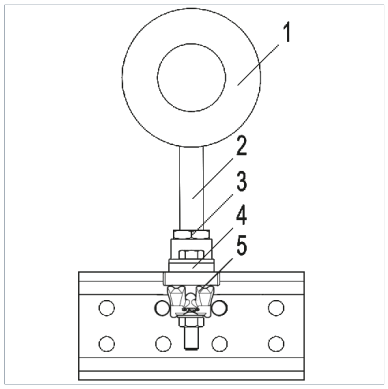
Assembly Group BG61 T 100-1/2'' HCP







General Information

An Assembly Group containing components to make up a permanent pipe connection with the insulated Chilled Water Clamp RB for chiller plants and cool water systems. The Assembly Group is designed for use with the 100 beam system and steel beams up to a flange width of 100 mm. It is connected using the Assembly Set MS 5P, and the height is adjusted via the Threaded Tube ½".

Installation

The assembly of the individual components to form an Assembly Group is carried out during the course of pipe installation on the construction site.

Temperature

Max. temperature	105 °C
Min. temperature	-50 °C

Thermal Conductivity

Thermal conductivity λ {0°C}	λ 0,045 W/Mk

Material Properties

Halogen-free	0
UV-resistant	0
Water vapour diffusion resistance factor	μ 1200

Material

Primary element material	steel
Isolating element material	PUR
Connecting element material	steel
Surface finish	HCP
Corrosion protection class	C4

Fire Performance

Class B2 according to DIN 4102

Types

Type	DN	Weight	Quantity	Part number
BG61 T100-1/2'' DN 15 HCP	DN 15 (1/2")	2,250 kg/pcs.	1 pcs.	112733
BG61 T100-1/2'' DN 20 HCP	DN 20 (3/4")	2,250 kg/pcs.	1 pcs.	112734
BG61 T100-1/2'' DN 25 HCP	DN 25 (1")	2,260 kg/pcs.	1 pcs.	112735
BG61 T100-1/2'' DN 32 HCP	DN 32 (1 1/4")	2,270 kg/pcs.	1 pcs.	112736

Assembly Group BG61 T 100-1/2'' HCP

Type	DN	Weight	Quantity	Part number
BG61 T100-1/2'' DN 40 HCP	DN 40 (1 1/2")	2,270 kg/pcs.	1 pcs.	112737
BG61 T100-1/2'' DN 50 HCP	DN 50 (2")	2,360 kg/pcs.	1 pcs.	112738
BG61 T100-1/2'' DN 65 HCP	DN 65 (2 1/2")	2,480 kg/pcs.	1 pcs.	112739
BG61 T100-1/2'' DN 80 HCP	DN 80 (3")	2,530 kg/pcs.	1 pcs.	112740
BG61 T100-1/2'' DN 100 HCP	DN 100 (4")	3,110 kg/pcs.	1 pcs.	112741

Dimensions

Type	B1	BP	DS	Lmax
BG61 T100-1/2'' DN 15 HCP	81 mm	50 mm	30 mm	200 mm
BG61 T100-1/2'' DN 20 HCP	87 mm	50 mm	30 mm	200 mm
BG61 T100-1/2'' DN 25 HCP	93 mm	50 mm	30 mm	200 mm
BG61 T100-1/2'' DN 32 HCP	102 mm	50 mm	30 mm	200 mm
BG61 T100-1/2'' DN 40 HCP	108 mm	50 mm	30 mm	200 mm
BG61 T100-1/2'' DN 50 HCP	120 mm	50 mm	30 mm	200 mm
BG61 T100-1/2'' DN 65 HCP	136 mm	50 mm	30 mm	200 mm
BG61 T100-1/2'' DN 80 HCP	149 mm	50 mm	30 mm	200 mm
BG61 T100-1/2'' DN 100 HCP	195 mm	50 mm	40 mm	200 mm

Certification