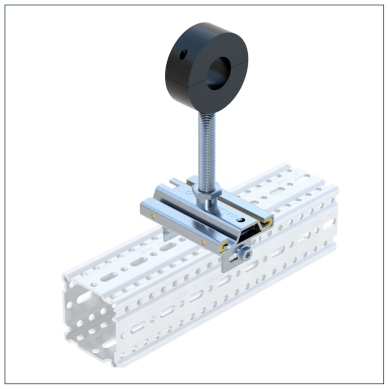
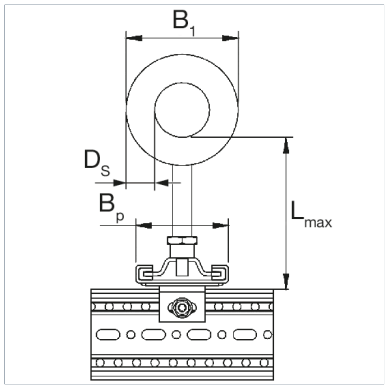
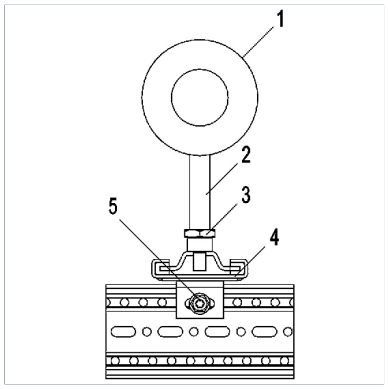
Assembly Group BG50 F100-1/2'' HCP







General Information

An Assembly Group for use as a guided support with the insulated Chilled Water Clamp RB for chiller plants and cool water systems. The Assembly Group is designed for use with the Beam Section TP F 100. It is connected using Self Forming Screw FLS F, and the height is adjusted via the Threaded Tube 1/2'.

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.
L(max, horizontal) = not recommended

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
BG50 F100-1/2'' DN 15 HCP	DN 15 (1/2")	1,900 kg/pcs.	1 pcs.	113869
BG50 F100-1/2'' DN 20 HCP	DN 20 (3/4")	1,900 kg/pcs.	1 pcs.	113870
BG50 F100-1/2'' DN 25 HCP	DN 25 (1")	1,910 kg/pcs.	1 pcs.	113871

Assembly Group BG50 F100-1/2'' HCP

Type	DN	Weight	Quantity	Part number
BG50 F100-1/2'' DN 32 HCP	DN 32 (1 1/4")	1,920 kg/pcs.	1 pcs.	113872
BG50 F100-1/2'' DN 40 HCP	DN 40 (1 1/2")	1,920 kg/pcs.	1 pcs.	113873
BG50 F100-1/2'' DN 50 HCP	DN 50 (2")	2,010 kg/pcs.	1 pcs.	113874
BG50 F100-1/2'' DN 65 HCP	DN 65 (2 1/2")	2,130 kg/pcs.	1 pcs.	113875
BG50 F100-1/2'' DN 80 HCP	DN 80 (3")	2,180 kg/pcs.	1 pcs.	113876
BG50 F100-1/2'' DN 100 HCP	DN 100 (4")	2,760 kg/pcs.	1 pcs.	113877

Dimensions

Type	B1	BP	DS	Lmax
BG50 F100-1/2'' DN 15 HCP	81 mm	102 mm	30 mm	200 mm
BG50 F100-1/2'' DN 20 HCP	87 mm	102 mm	30 mm	200 mm
BG50 F100-1/2'' DN 25 HCP	93 mm	102 mm	30 mm	200 mm
BG50 F100-1/2'' DN 32 HCP	102 mm	102 mm	30 mm	200 mm
BG50 F100-1/2'' DN 40 HCP	108 mm	102 mm	30 mm	200 mm
BG50 F100-1/2'' DN 50 HCP	120 mm	102 mm	30 mm	200 mm
BG50 F100-1/2'' DN 65 HCP	136 mm	102 mm	30 mm	200 mm
BG50 F100-1/2'' DN 80 HCP	149 mm	102 mm	30 mm	200 mm
BG50 F100-1/2'' DN 100 HCP	195 mm	102 mm	40 mm	200 mm

Certification