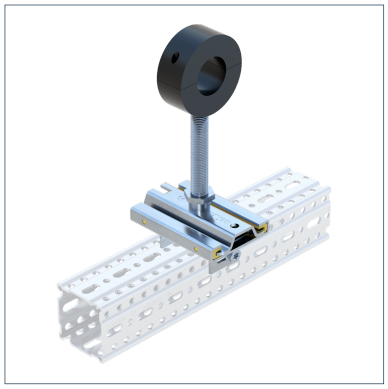
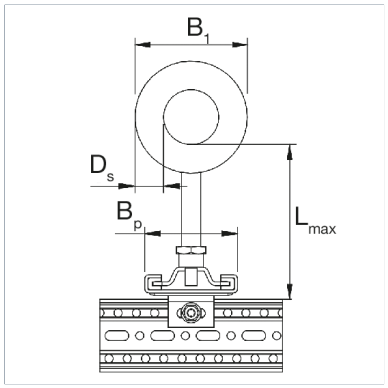
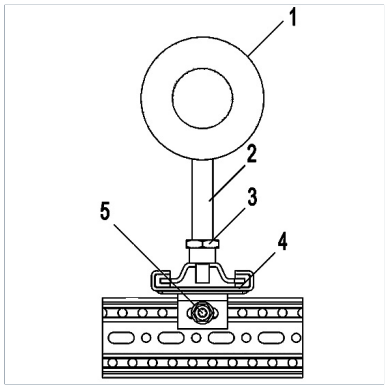
Assembly Group BG45 F 80-1/2'' HCP







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 80. 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
BG45 F 80-1/2'' DN 15 HCP	DN 15 (1/2")	1.800 kg/pcs.	1 pcs.	110299
BG45 F 80-1/2'' DN 20 HCP	DN 20 (3/4")	1.800 kg/pcs.	1 pcs.	110300
BG45 F 80-1/2'' DN 25 HCP	DN 25 (1")	1.810 kg/pcs.	1 pcs.	110301

Assembly Group BG45 F 80-1/2'' HCP

Type	DN	Weight	Quantity	Part number
BG45 F 80-1/2'' DN 32 HCP	DN 32 (1 1/4")	1.820 kg/pcs.	1 pcs.	110302
BG45 F 80-1/2'' DN 40 HCP	DN 40 (1 1/2")	0.500 kg/pcs.	1 pcs.	110303
BG45 F 80-1/2'' DN 50 HCP	DN 50 (2")	1.920 kg/pcs.	1 pcs.	110304
BG45 F 80-1/2'' DN 65 HCP	DN 65 (2 1/2")	2.040 kg/pcs.	1 pcs.	110305
BG45 F 80-1/2'' DN 80 HCP	DN 80 (3")	2.080 kg/pcs.	1 pcs.	110306
BG45 F 80-1/2'' DN 100 HCP	DN 100 (4")	2.650 kg/pcs.	1 pcs.	110307

Dimensions

Type	B1	BP	DS	Lmax
BG45 F 80-1/2'' DN 15 HCP	81 mm	102 mm	30 mm	200 mm
BG45 F 80-1/2'' DN 20 HCP	87 mm	102 mm	30 mm	200 mm
BG45 F 80-1/2'' DN 25 HCP	93 mm	102 mm	30 mm	200 mm
BG45 F 80-1/2'' DN 32 HCP	102 mm	102 mm	30 mm	200 mm
BG45 F 80-1/2'' DN 40 HCP	108 mm	102 mm	30 mm	200 mm
BG45 F 80-1/2'' DN 50 HCP	120 mm	102 mm	30 mm	200 mm
BG45 F 80-1/2'' DN 65 HCP	136 mm	102 mm	30 mm	200 mm
BG45 F 80-1/2'' DN 80 HCP	149 mm	102 mm	30 mm	200 mm
BG45 F 80-1/2'' DN 100 HCP	195 mm	102 mm	40 mm	200 mm

Certification