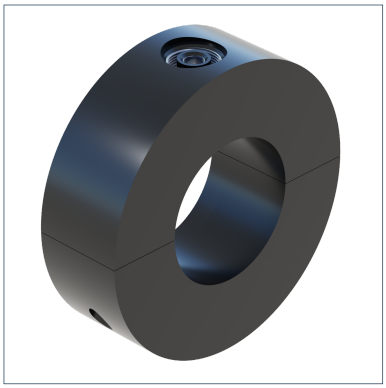
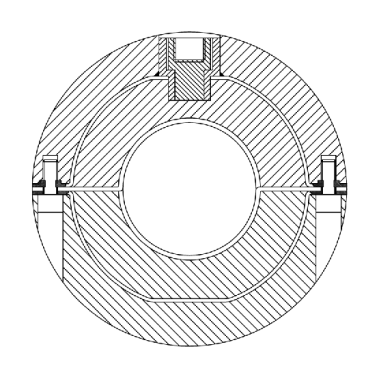
Chilled Water Clamp KS RB





General Information

Insulated pipe clamp made of PUR-foam for chiller plants and cool water systems.

Installation

Screw in upper part and position the pipe. Tighten closely lower part with displaced caoutchouc part to upper part (PUR part to caoutchouc, caoutchouc part to PUR).
Advantage: Sealant is not longer required!

Temperature

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

Thermal Conductivity

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

Mechanical Properties

Compressive strength	4,30 N/mm²
Insertion isolation	16 dB(A)

Material Properties

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

Material

Primary element material	PUR
Isolating element material	PE
Connecting element material	steel
Corrosion protection class	C2

Forces

Type	-V{Z,perm.}
KS RB 175 EX 15/30	0,27 kN
KS RB 175 EX 17/30	0,27 kN
KS RB 175 EX 18/30	0,28 kN
KS RB 175 EX 21/30	0,33 kN

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Type	-V{Z,perm.}
KS RB 175 EX 22/30	0,34 kN
KS RB 175 EX 27/30	0,42 kN
KS RB 175 EX 28/30	0,44 kN
KS RB 175 EX 33/30	0,53 kN
KS RB 175 EX 35/30	0,55 kN
KS RB 175 EX 42/30	0,66 kN
KS RB 175 EX 48/30	0,75 kN
KS RB 175 EX 54/30	0,87 kN
KS RB 175 EX 57/30	0,89 kN
KS RB 175 EX 60/30	1,17 kN
KS RB 175 EX 76/30	1,48 kN
KS RB 175 EX 89/30	1,73 kN
KS RB 175 EX 114/40	2,67 kN
KS RB 175 EX 133/40	3,11 kN
KS RB 175 EX 139/40	3,27 kN
KS RB 175 EX 159/40	3,72 kN
KS RB 175 EX 168/40	3,94 kN
KS RB 175 EX 204/60	7,95 kN
KS RB 175 EX 219/60	8,54 kN

Fire Performance

Class EL according to DIN EN 13501-1

Additional information

Types with delivery time on request: 15/30, 17/30, 18/30, and 57/30

Types

Type	Pipe diameter (outside)	Insulation thickness	Thread connection	Weight	Quantity	Part number
KS RB 175 EX 15/30	15,00 mm	36 mm	M8/M10/1/2"	0,19 kg/ pcs.	10 pcs.	117484
KS RB 175 EX 17/30	17,00 mm	35 mm	M8/M10/1/2"	0,19 kg/ pcs.	10 pcs.	193310
KS RB 175 EX 18/30	18,00 mm	35 mm	M8/M10/1/2"	0,192 kg/ pcs.	10 pcs.	193327
KS RB 175 EX 21/30	21,00 mm	33 mm	M8/M10/1/2"	0,185 kg/ pcs.	10 pcs.	168528
KS RB 175 EX 22/30	22,00 mm	33 mm	M8/M10/1/2"	0,191 kg/ pcs.	10 pcs.	193334

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Type	Pipe diameter (outside)	Insulation thickness	Thread connection	Weight	Quantity	Part number
KS RB 175 EX 27/30	27,00 mm	31 mm	M8/M10/1/2"	0,191 kg/ pcs.	10 pcs.	168537
KS RB 175 EX 28/30	28,00 mm	30 mm	M8/M10/1/2"	0,187 kg/ pcs.	10 pcs.	193341
KS RB 175 EX 33/30	33,00 mm	32 mm	M8/M10/1/2"	0,204 kg/ pcs.	10 pcs.	168546
KS RB 175 EX 35/30	35,00 mm	31 mm	M8/M10/1/2"	0,208 kg/ pcs.	10 pcs.	193358
KS RB 175 EX 42/30	42,00 mm	31 mm	M8/M10/1/2"	0,218 kg/ pcs.	10 pcs.	168555
KS RB 175 EX 48/30	48,00 mm	30 mm	M8/M10/1/2"	0,22 kg/ pcs.	10 pcs.	168564
KS RB 175 EX 54/30	54,00 mm	32 mm	M8/M10/1/2"	0,238 kg/ pcs.	10 pcs.	193365
KS RB 175 EX 57/30	57,00 mm	30 mm	M8/M10/1/2"	0,252 kg/ pcs.	10 pcs.	193372
KS RB 175 EX 60/30	60,00 mm	30 mm	M8/M10/1/2"	0,269 kg/ pcs.	10 pcs.	168582
KS RB 175 EX 76/30	76,00 mm	30 mm	M8/M10/1/2"	0,411 kg/ pcs.	10 pcs.	168607
KS RB 175 EX 89/30	89,00 mm	31 mm	M8/M10/1/2"	0,463 kg/ pcs.	5 pcs.	168616
KS RB 175 EX 114/40	114,00 mm	41 mm	M8/M10/1/2"	1,029 kg/ pcs.	5 pcs.	193419
KS RB 175 EX 133/40	133,00 mm	43 mm	M8/M10/1/2"	1,149 kg/ pcs.	5 pcs.	193426
KS RB 175 EX 139/40	139,00 mm	40 mm	M8/M10/1/2"	1,152 kg/ pcs.	5 pcs.	193433
KS RB 175 EX 159/40	159,00 mm	40 mm	M12/1/2"	1,277 kg/ pcs.	4 pcs.	193440
KS RB 175 EX 168/40	168,00 mm	40 mm	M12/1/2"	1,324 kg/ pcs.	4 pcs.	193457
KS RB 175 EX 204/60	204,00 mm	68 mm	M16/3/4"	3,303 kg/ pcs.	1 pcs.	193464
KS RB 175 EX 219/60	219,00 mm	61 mm	M16/3/4"	3,234 kg/ pcs.	1 pcs.	193471

Certification