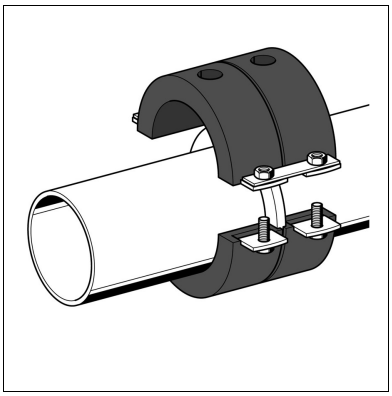

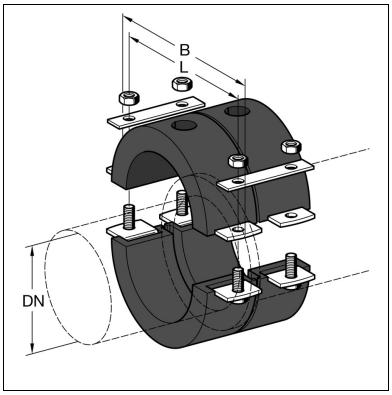

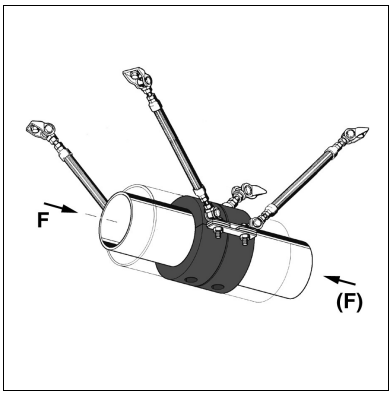

Chilled Water Fixed Point Clamp FKS

Group: 1382

Application

Chilled Water clamp for the absorption of axial forces.
Especially used for risers or as fixed point clamp. The contraction forces are transferred to the pipe clamp by a steel pressure ring welded to the perimeter of the steel pipe. The clamp is anchored to the building structure via an installed anchor bracket.

Scope of delivery

4 half shells, 4 splice plates, 1 pressure ring as well as bolts and nuts.
Delivery time: 10 working days

Installation

1. Weld pressure ring to pipe at location of required anchor point and conserve subsequently.
   Welding process, filler metal and dimensioning of the weld size are to be specified by the customer. For stainless steel pipes select a suitable welding filler (recommendation: 1.4370) to avoid contact corrosion.
2. Apply a thin bead of sealant to the inside adjacent shell faces of the clamp.
3. Position clamp shells on either side of the pressure ring and connect via splice plate.
4. Check if joint between the clamps is closed tightely by the sealant.
5. Install refrigeration clamp by means of Mounting Kit.

Technical Data

Insulation:	Closed-cell PUR-foam RG 250 kg/m^3
Diffusion resistance:	$\mu \geq 1000$
Thermal conductivity:	$\lambda = 0.042$ W/mK (0°C)
Fire resistance:	E_L (DIN EN 13501-1)
Temperature resistance:	-50°C up to + 105°C

Type [NB]	Insulation thickness S [mm]	Max. Load of Fixed Point shear [kN]	Clamping bolts	L [mm]	B [mm]	W [kg]	Quantity [pack]	Part number
76.1	30	2.5	M10 x 30	173	203	2.02	1	**190271**
88.9	30	3.0	M10 x 30	181	211	2.28	1	**190289**
108	30	4.0	M10 x 30	173	203	3.48	1	**190298**
114.3	40	4.0	M12 x 40	238	274	4.24	1	**190307**
133	40	4.5	M12 x 40	264	300	4.52	1	**190316**
139.7	40	4.5	M12 x 40	264	300	4.82	1	**190325**
168.3	40	6.0	M12 x 40	292	328	5.62	1	**190343**
219.1	60	9.0	M12 x 50	399	439	16.14	1	**190352**
273	60	12.0	M16 x 50	453	493	17.54	1	**190379**
323.9	60	15.0	M16 x 50	504	544	23.34	1	**190388**