



Chilled Water Clamp LKS 13 (H)

Group: 1255

Application

Suitable for secure prevention of condensation water at the pipe support location of refrigeration and cold-water pipelines. An optimal diffusion-tight connection with the pipe insulation is easily and safely achieved by fixing usual insulation materials to the clamp faces using adhesive. Recommended up to -0°C at normal ambient condition.

Scope of delivery

Consisting of pipe clamp and insulation insert. The one-piece insulation insert comprising two joined PUR elements forms a comprehensive connection between PUR element and pipe clamp all around the pipe. The outer edges of the PUR elements are equipped with elastomer foam and coated by a black PVC foil.

Type	Nominal thickness of the insulation [mm]	Size	Length of PUR element b [mm]
LKS 13	13	15 - 89	50
		102 - 168	100

Technical Data

The unsupported lengths as listed in DIN 1988 may be applied for types LKS 13 and LKS M 19 to 168.

The regulations of DIN 4140 have to be respected (an existing gap has to be sealed with sealant). Sealant DP 30/45 see Chapter "Fixed Point Packages".

Clamp material:	Steel, electro-galvanised
Insulation insert:	
PUR core:	Specific gravity 80 or 120 kg/m^3
Thermal conductivity:	$\lambda = 0.024 - 0.026 \text{ W/(mK)}$ at 0°C $\lambda = 0.038 \text{ W/(mK)}$ at 10°C $\lambda = 0.040 \text{ W/(mK)}$ at 40°C
Steam diffusion resistance factor:	$\mu \geq 7000$
Fire resistance:	B2 (DIN 4102)
Temperature range:	-40°C up to $+105^{\circ}\text{C}$
Insulation insert:	Up to 18 dB(A)
Storage temperature:	$\geq 10^{\circ}\text{C}$
Storage period:	1 year

Type	Pipe Ø D [mm]	B [mm]	Insulation thickness S [mm]	Thread connection	W [kg]	Quantity [pack]	Part number
LKS 13-15	15.0	76.0	13.0	M8/M10	0.07	48	184916
LKS 13-18	18.0	76.0	13.0	M8/M10	0.07	48	184925
LKS 13-22	22.0	91.5	13.0	M8/M10	0.08	36	184934
LKS 13-25	25.0	91.5	13.0	M8/M10	0.08	30	184943
LKS 13-28	28.0	99.0	13.5	M8/M10	0.09	30	184952
LKS 13-30	30.0	99.0	13.5	M8/M10	0.09	30	184961
LKS 13-35	35.0	105.0	13.5	M8/M10	0.09	30	184970
LKS 13-38	38.0	105.0	14.0	M8/M10	0.10	30	184979
LKS 13-42	42.0	112.0	14.0	M8/M10	0.10	24	184988
LKS 13-44	44.5	112.0	14.0	M8/M10	0.17	24	184997
LKS 13-48	48.3	125.0	14.0	M8/M10	0.17	24	185006
LKS 13-54	54.0	134.0	14.0	M8/M10	0.19	24	185015
LKS 13-57	57.0	134.0	15.0	M8/M10	0.19	24	185024
LKS 13-60	60.3	141.0	15.0	M8/M10	0.20	24	185033
LKS 13-64	64.0	141.0	15.0	M8/M10	0.20	18	185042
LKS 13-70	70.0	146.5	15.0	M8/M10	0.21	18	185051
LKS 13-76	76.1	151.0	15.0	M8/M10	0.22	18	185060
LKS 13-80	80.0	159.5	15.0	M8/M10	0.23	18	185069
LKS 13-89	88.9	173.0	15.0	M8/M10	0.29	18	185078
LKS 13-102	101.6	186.0	15.5	M8/M10	0.32	6	185087
LKS 13-108	108.0	193.0	15.5	M8/M10	0.34	6	185096
LKS 13-114	114.3	193.0	15.5	M8/M10	0.35	6	185105
LKS 13-133	133.0	215.0	16.0	M8/M10	0.51	6	185114
LKS 13-139	139.7	243.0	16.0	M12/M16 ¹ / ₂ "	1.02	6	185123
LKS 13-160	159.0	265.0	16.0	M12/M16 ¹ / ₂ "	1.17	6	185132
LKS 13-168	168.3	276.0	16.0	M12/M16 ¹ / ₂ "	1.22	6	185141