

KM SDR 17

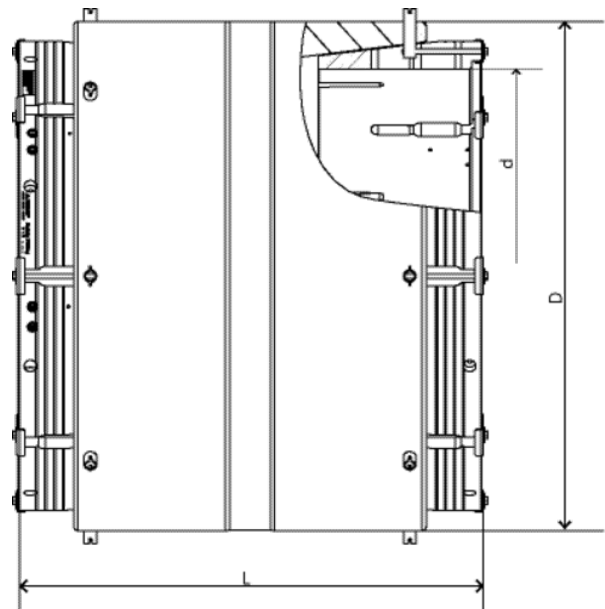
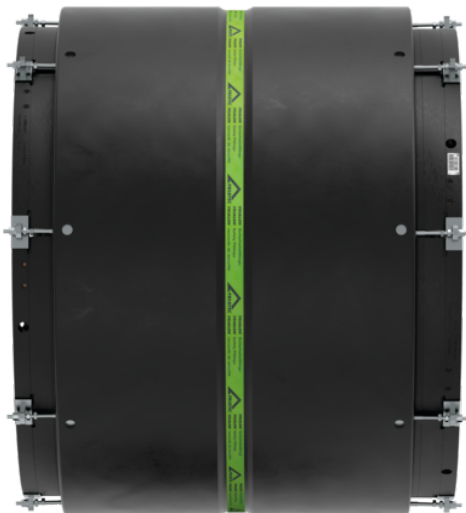
Conical ring coupler, SDR 17

Conical ring coupler KM SDR 17

- Gas and water
- Maximum pressure: Gas 5 bar, Water 10 bar
- Material: PE 100
- Combination of coupler and clamping coupler
- Problem solver (pipe ovality and different diameters)
- Safety technology
- Separate fusion zone

Note:

Only one FRIAMAT XL is to be utilised, which is available as a loan device under the Order No. 613091.



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Areas of Application

FRIALEN conical ring couplers KM XL greatly simplify connections on pipes exhibiting large ovalities and tolerances and flattened points.

Assembly Instructions

The conical ring coupler KM XL features a unique flexible conical ring coupler technology that adapts it to pipe surface irregularities. This variable range of diameter tolerances can also offset large tolerances on the pipe's outer diameter and ovality. Installation can proceed after the one scraping process only, without retaining devices and rounding clamps (for pipe ovalities up to 6%).

The preparations (removing the oxide layer/cleaning) and the assembly work (conical ring activation / fusion) are described in the general assembly instructions (see the instructions for the FRIALEN conical ring coupler KM XL).

The fusion of the pipe ends with the conical ring coupler KM XL takes place by FRIALEN-fusing – leakproof and longitudinally strong.

The conical ring coupler KM XL must be fused exclusively with the powerful fusion unit FRIAMAT XL fitted with a Y plug. The FRIAMAT XL is a universal solution operating with an input voltage of 400 V and output voltage of max 80 V.

The conical ring coupler KM XL d 1200 must be fused twice on both coupler sides (separate fusion of inside conical ring and outside conical ring).

Good reasons for the FRIALEN conical ring coupler KM XL:

- Compact design
- Maximum stability thanks to large wall thicknesses
- Exposed heating coil for direct heat transfer to the pipe
- The mechanical flexible conical ring technology can minimise the gap width
- Easy and reliable installation, also on large pipe ovalities and tolerances and on local flattening
- One scraping process only to remove the oxide layer is enough
- No additional processing tools necessary like alignment clamps or rounding clamps
- Touch proof electric contacts
- Durable batch marking
- Individually wrapped for dirt protection
- Additional barcode for tracing back the fitting (Traceability-Coding).