

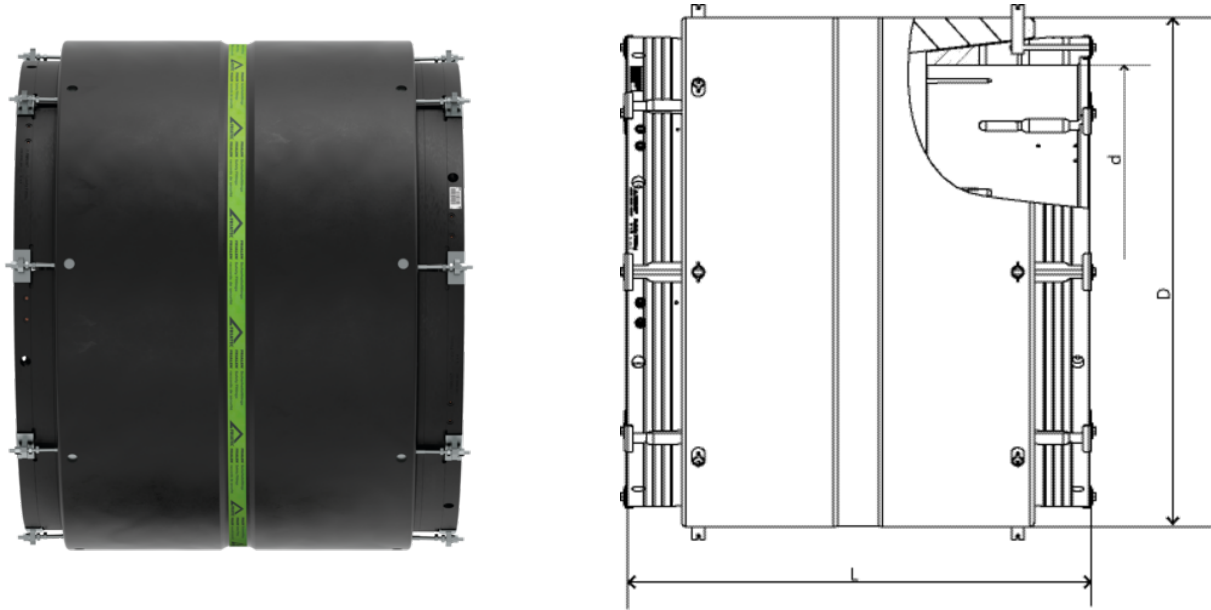
# KM XL

## Κωνική ηλεκτροσύνδεσμοι

Easy and quick assembly, also as slide over coupler where there is limited space. Variable diameter range to bridge large tolerance conditions of the outer pipe diameter and out-of-roundness. With flexible fusion conical ring for easy assembly.

The KM XL can only be fused with the FRIAMAT XL with Y connector (available on loan with order no. 613091).

Other dimensions or pressure rating as well as special dimensions on request.



PE 100 SDR 17

Maximum working pressure 10 bar (water)/5 bar (gas)



Κωδικός προϊόντος	d	BX	PU	D	L	Tolerance range d-pipe	Weight kg
616535	355	1	1	497	705	0/+8	36,500
616536	400	1	1	550	730	0/+8	46,000
616537	450	1	1	602	750	0/+8	54,000
616539	560	1	1	730	850	0/+10	88,100
616523	630	1	1	805	940	0/+11	135,000
616541	800	1	1	1005	1065	0/+13	207,000
616434	1000	1	1	1245	1145	-4/+9	350,000
616435	1200	1	1	1450	1290	0/+12	500,000

FRIALEN conical ring couplers can be fused to SDR 17–17.6 pipes. Other SDR sizes on request. Please observe the marking directly at the product, which is mandatory.

## KM XL

# Κωνική ηλεκτροσύνδεσμοι

### 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).