

# U910A



## ► Type U910A

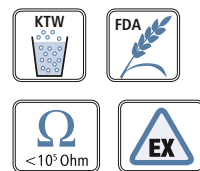
Type key ► page 20  
 U9 1 0 A  
 └─ Tie rod variant  
 └─ Support ring variant  
 └─ Number of arches  
 └─ Type

## Rectangular universal expansion joint with one or several arches

Design:	Rectangular, single or multiple arch rubber bellows with full faced rubber flanges and single or multi-part backing flanges with support collar Oval construction type or rounded corners also possible Optional vacuum support rings and/or external pressure support rings in the arch trough
Dimensions:	Individual length x width up to NG 4000 x 4000 or NG 6000 x 3000
Installation length:	According to customer specification
Pressure:	Depending on the dimensions and installation length up to 6 bar Vacuum stability on request
Movement:	For large axial and lateral movements

### Application:

Power plants, plant construction, food processing, wastewater treatment plants, industrial facilities, paper industry, e. g. to disconnect apparatus, on compressors



### Rubber bellows

Rubber grades			Carrier
up to 100 °C:	EPDM	Cooling water, hot water, seawater, acids, dilute chlorine compounds	Nylon fabric Kevlar fabric Polyester fabric Glass fibre fabric Steel mesh
	EPDM, drinking water approved	Drinking water	
	EPDM, white, food grade	Foodstuffs	
	EPDM, abrasion-resistant	Abrasive materials, Water-sand extraction	
	EPDM, insulating	Electrical systems construction	
	IIR	Hot water, acids, bases, gases	
	CSM	Strong acids, bases, chemicals	
	NBR	Oils, petrol, solvents, compressed air	
	NBR, bright, food grade	Oil, fatty foods	
up to 80 °C:	CR	Cooling water, slightly oily water, seawater	
up to 70 °C:	NR	Abrasive materials	
up to 150 °C:	HNBR	Oils, petrol, solvents, compressed air	
up to 180 °C:	FPM	Corrosive chemicals, petroleum distillates	
up to 200 °C:	Silicon (Q)	Air, saltwater atmosphere	
	Silicon (Q), white, food grade	Foodstuffs, medical technology	
PTFE lining: Permanently embedded against chemical attacks on the interior at the rubber bellows			

### Flanges

Design:	Single-part or multi-part backing flanges with support collar and clearance holes
Flange norms:	According to customer specification
Materials:	Carbon steel: 1.0038 (S235JRG2)
	1.0570 (S355J2G3)
	Stainless steel: 1.4301 (X5CrNi18-10)
	1.4571 (X6CrNiMoTi17-12-2)
	Aluminium: AlMg3
	Other materials on request
Coating:	Primed, hot-dip galvanised, special paint

### Optional accessories

Protective hood:	UV protection cover
	Ground protective cover
	Fire protection cover
	( ► page 50)
Flow liners:	Cylindrical flow liner
	Conical flow liner
	Telescoping flow liner
	( ► page 49)

