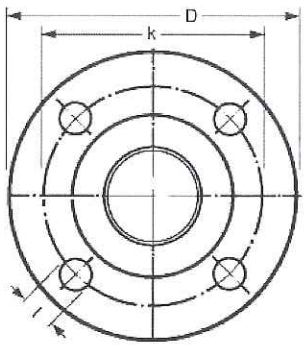
Configurator ERV Rubber Expansion Joints

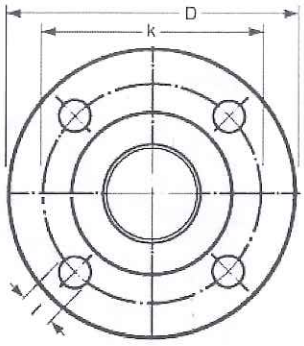
Part Number: ROTEX 150.16 TA

https://ervconfigurator.elaflex.de/ROTEX/150MM/L130MM/.16/STANDARD/.16/STANDARD/STANDARD/TA/STANDARD/Product11.html

Bellows	**ROTEX** ROTEX expansion joints suitable for permanent use with hot heating water, cooling water and hot air. Approved according to DIN up to +100° C by 10 bar and up to +110° C by 6 bar. Temperature range (depending on medium) -40° C up to +130° C, temporarily up to +150° C. Electrically dissipative. Not suitable for drinking water, cooling water with oil containing additives, oily compressor air, permanent effect of steam. Liner: EPDM, hot water resistant, seamless, abrasion resistant Marking: 2 red bands, ERV DN .., PN .., production date
Size DN	**DN 150 mm / 6"**
Length	**BL 130 mm**
Flange 1	**DIN PN 16** Dimension: D: 285 mm, k: 240 mm, 8 holes, l: 22 mm



Material 1	**Zinc Plated Steel**
Flange 2	**DIN PN 16** Dimension: D: 285 mm, k: 240 mm, 8 holes, l: 22 mm



Material 2	**Zinc Plated Steel**
Limiters	**Without limiter** Without limiter (Standard)
Accessories	**Type TA** With PTFE-Lining. Used when the chemical resistance of the chosen ERV type is insufficient. Resistant to all commonly used liquids.
Flame Protection	**Without flame protection** Without flame protection (Standard)

Permissable Vacuum [mbar] for Type ROTEX

DN	25	32	40	50	65	80	100	125	150	200	250	300	350	400	450	500	600	700	800	900	1000
no VSD / VSR	max.	max.	max.	max.	-700	-600	-400	-300	-300	-300	-200	-100									
with VSD				max.	max.	max.	max.	max.	max.	-600	-400	-200									
with VSR								max.	max.	max.	max.	max.	max.	max.	-700	-700	-700				
with VSRV															max.	max.	max.	max.	-700	-700	-700
with TAS				max.	max.	max.	max.	max.	max.	-600	-400	-200									
with TA	Nicht geeignet für Vakuum.																				

Data measured at room temperature with new expansion joints in standard length and non swelling media. For swelling media use a safety factor.
A compressed installation improves the in the table listed vacuum resistance. The maxium permittable elongation (L max.) reduces the vaccum resistance by 50%.
For this case we recommend to use vacuum support spirals or vaccum support rings (see catalogue page 468).
Dependencies of overpressure, range of movement and temperature please see table on catalogue page 404.