upg PIPE SYSTEMS

REINERT-RITZ



Expansion Compensators - above ground

Ultimate Solutions.
Intelligent Delivery.

EXPANSION COMPENSATOR - ABOVE GROUND

- With EPDM lip seal, system 3S, drinking water quality
- Protective covering made of PVC
- Up to size DN 350: fully pressure-loadable flange ring made of high-strength plastic
- From DN 300: flange ring made of plastic-coated steel
- Vacuum tight up to 0.8 bar

Optional:

- With welding ends
- With longer compensation path
- With flanges, PN 16, larger diameters and other flange materials on request

Flange: DIN EN 1092-1, PN 10

Tensile Strength: ISO 3501

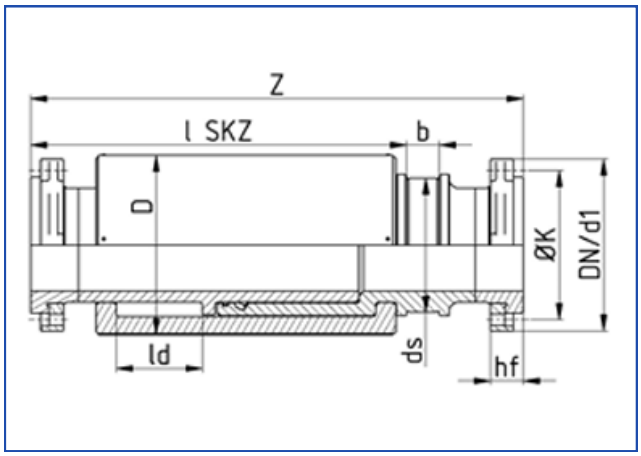
Tolerances:
Z --> Tab./tab. 2 (2x)

Clamp: DIN 3567

Specifications	Details
Body Materials	PE100 or PP (homogeneously extruded)
Design standard	ISO 3501 longitudinally force-locked
Seal type	System 3S lip seal (EPDM or NBR)
Standard seal	EPDM (drinking water applications)
Optional seal	NBR (wastewater applications)
Pressure rating	Pressure class appropriate
Anchorage	Fixed point design with integrated clamp seat
Movement function	Defined axial movement on one side
Flange connections	To suit your connection
Backing flange material	FBE Nylon Coated or Stainless Steel
Installation type	Above-ground pressure lines (non-buried)
Clamp force	Does not exert radial force on socket body
Integration option	Can be added to existing pipe systems via flanged ends
Optional versions	Without fixed point clamp seat; stainless steel or galvanised backing flange; flat sealing without groove and O-ring; slotted holes for perfect alignment of connected fittings
Standards	DIN EN 12201, DIN EN 1092–1, DVS 2207, DVS 2210, DIN EN 10204, DIN EN ISO 9001, DIN EN ISO 50001, DIN EN 10310, ISO 3501, DIN 3567 (up to DN 500)
Approvals/certificates	DIN EN 10204 inspection certificate 3.1 on semi-finished product with MFR and OIT; PE100/PP material per PE100+ Association
Manufacturing	PE100+ Association compliant; DIN EN ISO 9001 quality assurance; single-piece homogeneous extruded PE/PP body; DIN EN 10204 certificates included; manufacturer certified to ISO 9001:2015 and ISO 50001:2011

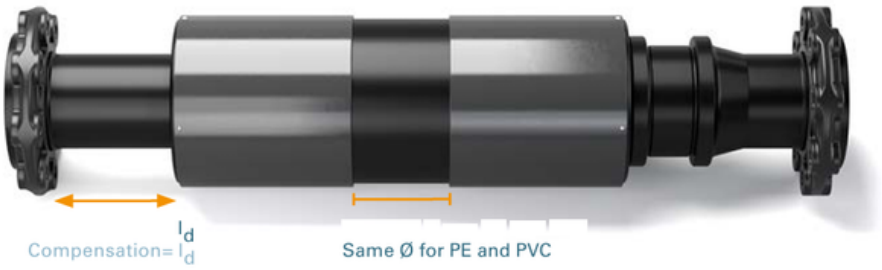
EXPANSION COMPENSATOR - ABOVE GROUND





SDR	>41	33	26	21	17.6	17	13.6	11	9	7.4	6	>5

Product code	DN	d_1	l_{SKZ}	d_s	b	Clamp	ØK	n x ØL	Bolts	h_F	l_d	D	Z
RRKOFF-063-50	50	63	607	77	45	77x40	125	4x18	M16	36	170	125	812
RRKOFF-075-65	65	75	659	89	45	89x40	145	4x18	M16	37	170	140	855
RRKOFF-090-80	80	90	659	114	45	115x50	160	8x18	M16	40	170	180	855
RRKOFF-110-100	100	110	659	130	55	133x50	180	8x18	M16	43	170	200	885
RRKOFF-125-100	100	125	658	140	55	140x50	180	8x18	M16	51	170	225	885
RRKOFF-140-125	125	140	678	156	55	159x50	210	8x18	M16	53	170	250	910
RRKOFF-160-150	150	160	694	168	55	169x50	240	8x22	M20	57	170	280	910
RRKOFF-180-150	150	180	719	190	55	191x50	240	8x22	M20	63	170	315	930
RRKOFF-200-200	200	200	744	215	55	216x50	295	8x22	M20	65	170	315	975
RRKOFF-225-200	200	225	744	265	65	267x60	295	8x22	M20	65	170	355	975
RRKOFF-250-250	250	250	873	270	65	273x60	350	12x22	M20	72	200	400	1120
RRKOFF-280-250	250	280	873	315	65	318x60	350	12x22	M20	72	200	400	1120
RRKOFF-315-300	300	315	1003	324	65	324x60	400	12x22	M20	77	255	500	1260
RRKOFF-355-350	350	355	1048	368	65	368x60	460	16x22	M20	86	255	560	1325
RRKOFF-400-400	400	400	1295	500	75	508x70	515	16x26	M24	70	350	600	1650



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