

RC Reducers



Description

The RC concentric reducer is a fitting made of galvanized steel, designed to connect two circular ducts of different diameters while maintaining the same central axis of the ductwork system.

Thanks to its concentric geometry, the RC reducer provides a gradual transition in the airflow cross-section, helping to minimize pressure losses and maintain high aerodynamic performance within the system.

Characteristics

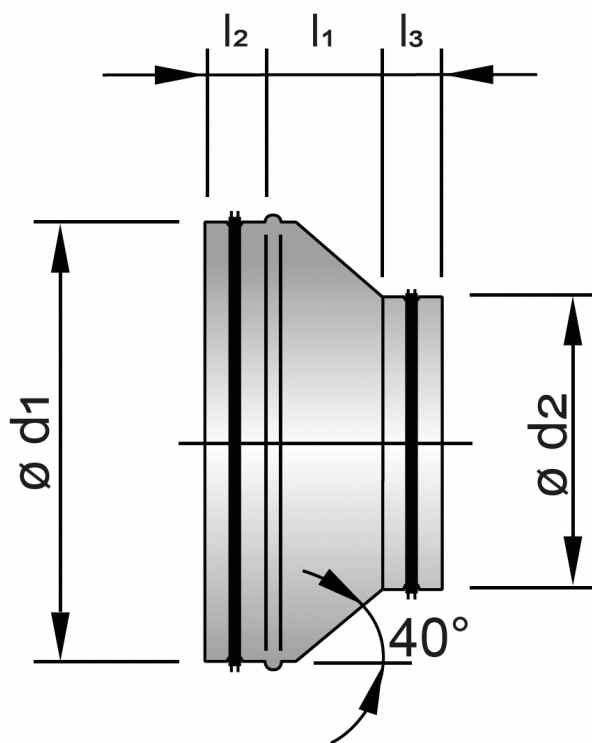
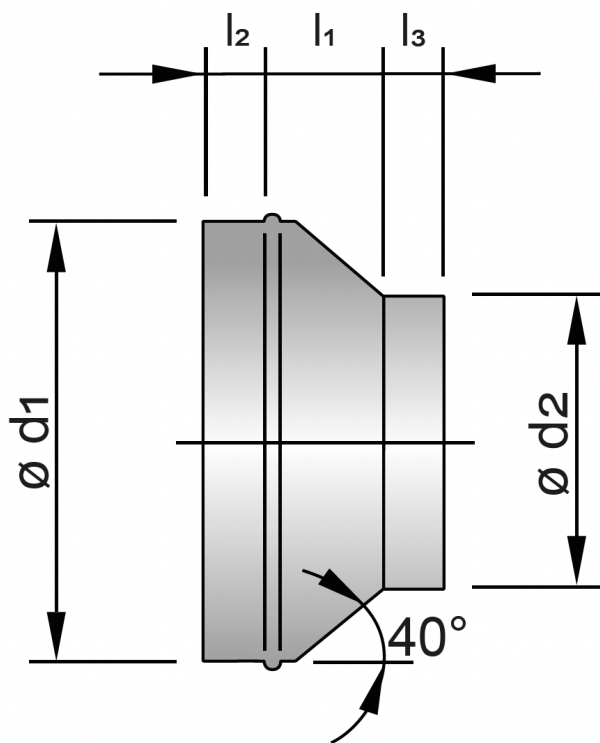
Made of high-quality galvanized steel.
Robust construction with high corrosion resistance.
Concentric geometry with aligned central axis.
High dimensional accuracy.
Compatible with standard circular ducts and fittings.
Easy installation and maintenance.

Sheet metal thickness:

- Diameters 80–315 mm: $t = 0.6$ mm.

Models

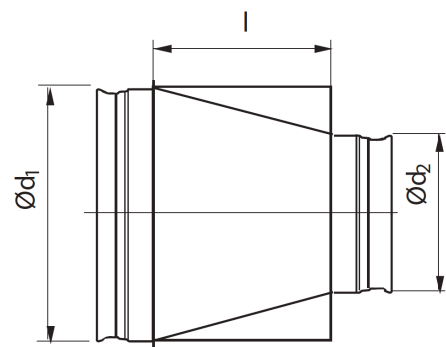
- RC – Concentric reducer;
- RCG – Concentric reducer with double-lip gasket;
- RCGL – Concentric reducer with gasket.



Dimensions and Price List

Dimensions are expressed in mm.
* RCG with airtight seal

Ø d1	Ø d2	L ₂	L ₁	L ₃	Weight	RC	*RCG
Nominal Size (mm)	Nominal Size (mm)	mm	mm	mm	kg	€	€
100	80	42	22	42	0,2	10,44	
125	80	42	35	42	0,3	11,18	13,54
	100	45	23	40	0,3	11,18	13,74
150	100	42	40	40	0,3	11,87	16,24
	125	45	22	40	0,3	11,87	15,05
160	100	45	45	40	0,4	11,87	15,10
	125	43	30	40	0,4	11,87	15,20
	150	40	13	44	0,4	11,87	15,81
180	100	44	58	40	0,5	a.r.	
	125	45	42	40	0,5	a.r.	
	150	45	28	40	0,4	a.r.	
	160	45	21	42	0,4	a.r.	
200	100	44	68	38	0,6	16,55	19,70
	125	44	53	41	0,6	16,55	19,75
	150	45	38	41	0,5	16,55	20,26
	160	44	33	41	0,5	16,55	20,40
	180	44	20	40	0,5	16,55	
250	150	50	67	41	0,9	21,34	
	160	42	62	39	0,9	21,34	28,18
	180	45	50	38	0,9	21,34	
	200	45	40	44	0,8	21,34	28,59
300	200	57	68	43	1,2	23,50	
	250	60	36	45	1,0	23,50	
315	160	58	103	40	1,7	23,50	
	200	60	78	44	1,5	23,50	33,69
	250	60	48	45	1,4	23,50	35,34
	300	60	15	54	1,2	23,50	



All dimensions are expressed in mm.

Ø d ₁	Ø d ₂	l	kg
355	160	298	1,84
	180	270	1,77
	200	243	1,71
	224	210	1,61
	250	174	1,56
	280	133	1,41
	300	106	1,30
	315	85	1,21
400	160	365	2,44
	180	337	2,38
	200	310	2,31
	224	277	2,23
	250	241	2,20
	280	200	2,01
	300	172	1,90
	315	152	1,86
	355	97	1,55
450	200	378	2,99
	224	346	2,90
	250	310	2,85
	280	269	2,70
	300	241	2,59
	315	221	2,50
	355	166	2,24
	400	109	2,64
500	200	447	3,66
	224	414	3,56
	250	378	3,51
	280	337	3,36
	300	310	3,25
	315	289	3,16
	355	234	2,89
	400	177	2,69
	450	109	2,37

Price List on Request