

Flat segmented reducers

RSFC/RSFCF/RSFCL/RSFCFL/RSF/RSFF/RSFL/RSFFL



Description

Flat segmented reducers have end caps with a port of a smaller diameter than the flat body diameter. They are most often used for building ventilation duct penetrations in floor partitions. Concentric reducers can be installed as silencer dips or used for capping SPRPI ducts to build duct silencers as much as 3 metre long.

- RSFC – flat concentric segmented reducer with double male ends
- RSFCF – flat concentric segmented male-to-female reducer
- RSFCL – flat concentric segmented reducer with double male ends and an EPDM gasket
- RSFCFL – flat concentric segmented male-to-female reducer with an EPDM gasket
- RSF – flat eccentric segmented reducer with double male ends
- RSFF – flat eccentric segmented male-to-female reducer
- RSFL – flat eccentric segmented reducer with double male ends and an EPDM gasket
- RSFFL – flat eccentric segmented male-to-female reducer with an EPDM gasket
- $\varnothing d_1, \varnothing d_2$ – suitable for SPR ducts

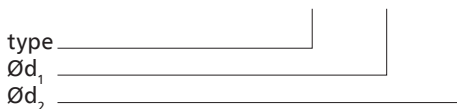
Flat reducers are available in any sizes $C \leq C_{max}$.

Available materials — Product code example

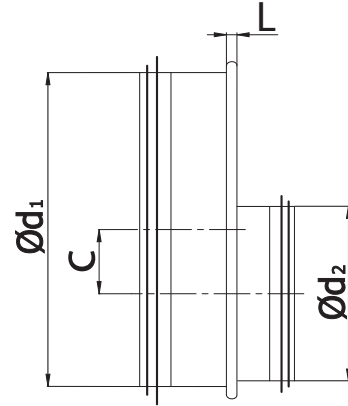
- RSFC-... -... – galvanized steel sheet
- RSFC-K-... -... – 1.4301/304 stainless steel sheet
- RSFC-K-... -...-316L – 1.4404/316L stainless steel sheet, molybdenum-enriched
- RSFC-A-... -... – AW-1050A H24 aluminium sheet
- RSFC-CU-... -... – M1E z4 copper sheet

Product code example

Product code: RSFC- aaa - bbb



Dimensions



$\varnothing d_{1, nom}$ (mm)	$\varnothing d_{2, nom}$ (mm)	C_{max} (mm)	L (mm)	Weight (kg)
200	100	40	5	0.3
	125	27.5	5	0.2
	150	15	5	0.3
250	160	10	5	0.2
	125	52.5	5	0.3
	150	40	5	0.3
315	160	35	5	0.3
	200	15	5	0.3
	250	67.5	5	0.5
355	200	47.5	5	0.5
	250	22.5	5	0.4
	160	87.5	5	0.7
400	180	77.5	5	0.7
	200	67.5	5	0.7
	224	57.5	5	0.6
450	250	42.5	5	0.6
	280	20.5	5	0.6
	300	17.5	5	0.6
500	315	10	5	0.5
	200	90	5	1.1
	224	78	5	1.1
550	250	65	5	1.2
	280	50	5	1.0
	300	40	5	1.0
600	315	33	5	0.9
	355	13	5	0.9
	250	90	5	1.7
650	280	75	5	1.5
	300	65	5	1.5
	315	58	5	1.6
700	355	38	5	1.4
	400	15	5	1.5

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RSFC/RSFCF/RSFCL/RSFCFL/RSF/RSFF/RSFL/RSFFL*Dimensions*

$\varnothing d_{1\text{ nom}}$ (mm)	$\varnothing d_{2\text{ nom}}$ (mm)	$C_{\text{ max}}$ (mm)	L (mm)	Weight (kg)
500	250	115	5	2.2
	280	100	5	2.1
	300	90	5	2.0
	315	83	5	2.1
	355	63	5	2.2
	400	40	5	2.0
	450	15	5	1.9
560	315	113	5	2.2
	355	93	5	2.2
	400	70	5	2.2
	450	45	5	2.1
	500	20	5	1.8
600	315	133	5	2.5
	355	113	5	2.6
	400	90	5	2.6
	450	65	5	2.3
	500	40	5	2.2
	560	10	5	2.0
	630	315	148	5
355		128	5	2.9
400		105	5	2.8
450		80	5	2.5
500		55	5	2.6
560		25	5	2.2
600		5	5	2.1