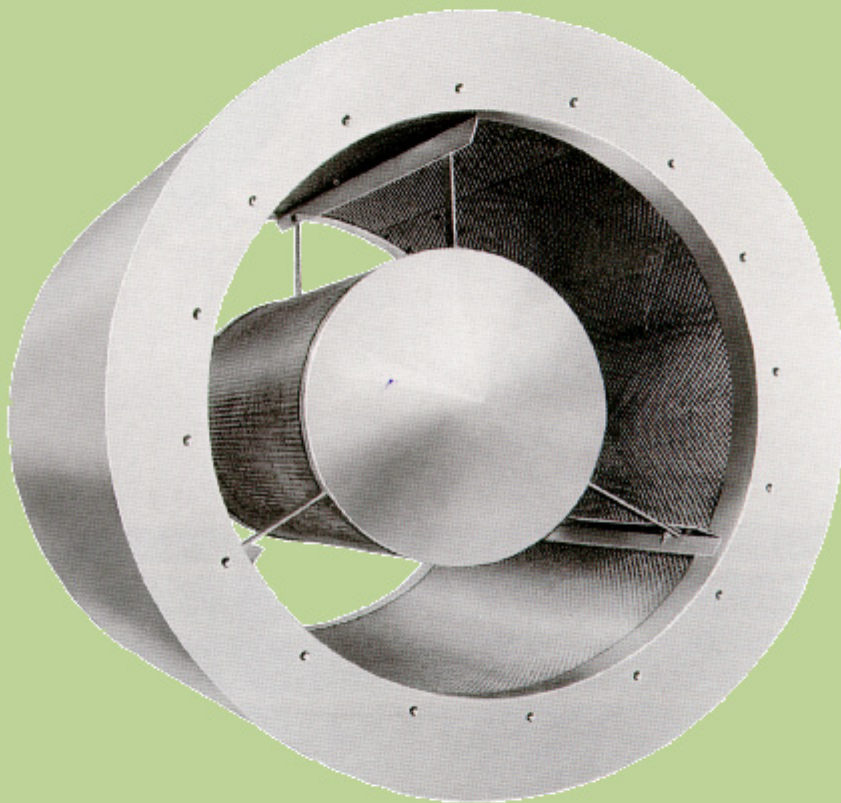




CIRCULAR DUCT ATTENUATOR
KCA-KCP Series



CIRCULAR DUCT ATTENUATOR- *KCA-KCP*

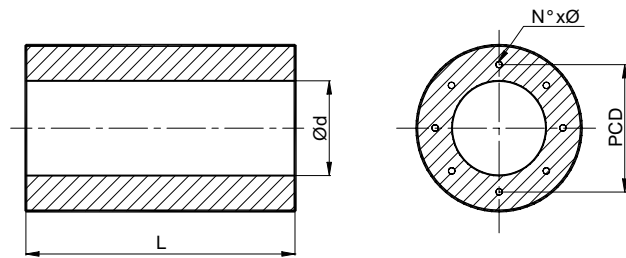


- Used to control the passage of noise along an air path.
- Made of galvanized sheet cased with inner pod and outside lining manufactured for high density acoustic infill protected by perforated galvanized steel.
- Supplied with flanged ends for direct attachment to axial fans or ductwork.
- Bell mouth air exchange with spun head for minimum entrance and pressure loss.
- Standard range Type KCA and KCP (with pod) is available from sizes 315 to 2000 mm. Each range is available (1D, 2D) as standard length. Non-standard length to meet special performance requirement can be supplied upon request.
- *1D – 1 times inside duct Ø.
- *2D – 2 times inside duct Ø.
- Non-standard sizes can also be supplied upon request.

For performance requirement, no longer is there the need to produce lengthy acoustic calculations. The unique Kruger sound design system does this for you by means of an electronic noise calculation system. For details, please contact the Kruger technical design office.

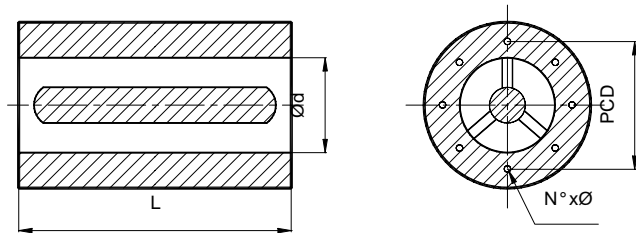
Dimensions

TYPE KCA



TYPE KCP

- fitted with an aerodynamically efficient concentric acoustic pod.

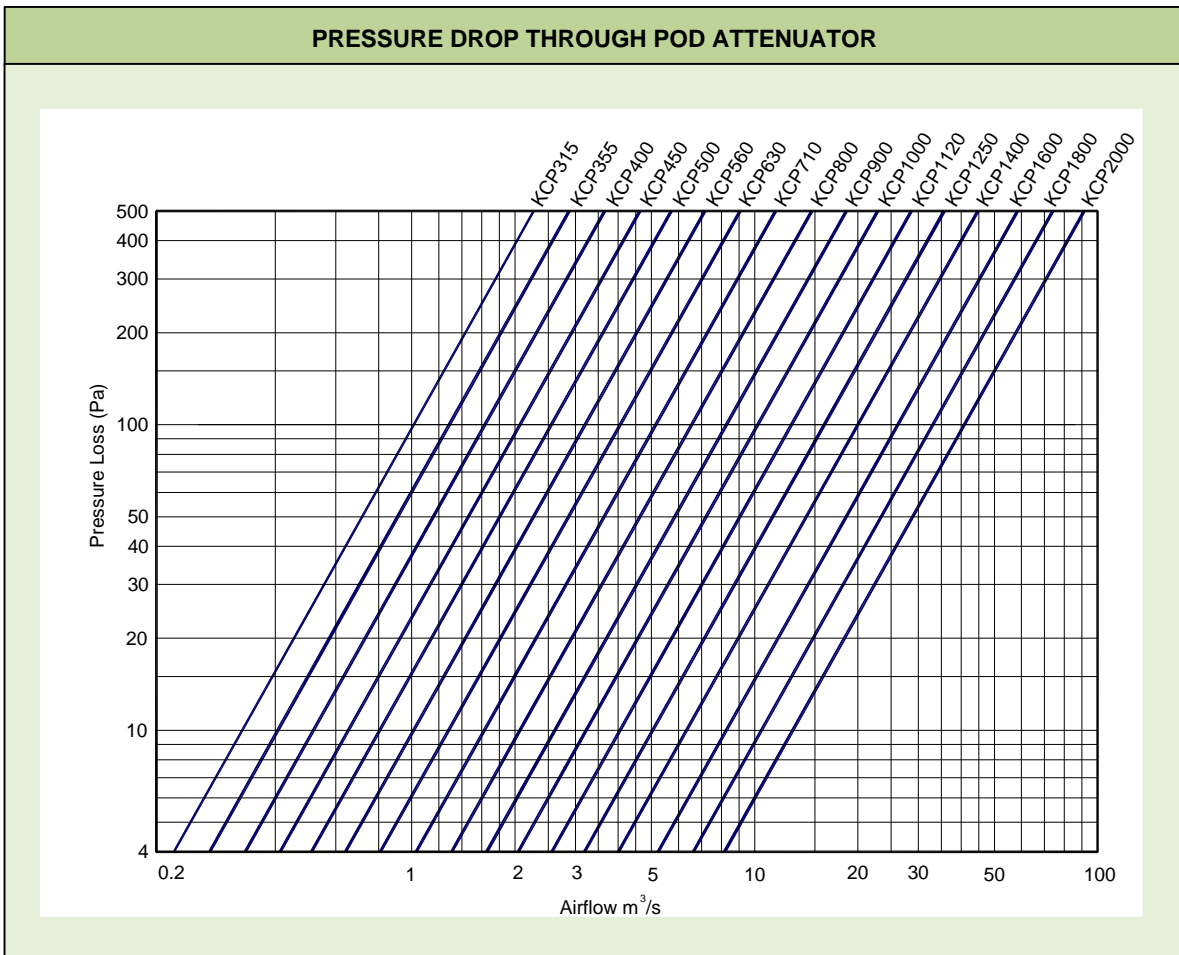


Model	Ød	PCD	N°x Ø	L (1D)	L (2D)
315	315	355	8x10	315	630
355	355	395	8x10	355	710
400	400	440	12x10	400	800
450	450	490	12x10	450	900
500	500	540	12x10	500	1000
560	560	605	12x10	560	1120
630	630	675	12x10	630	1260
710	710	755	18x12	710	1420
800	800	845	18x12	800	1600
900	900	945	18x12	900	1800
1000	1000	1050	24x12	1000	2000
1120	1120	1185	24x12	1120	2240
1250	1250	1315	24x12	1250	2500
1400	1400	1465	32x14	1400	2800
1600	1600	1663	32x14	1600	3200
1800	1800	1856	32x14	1800	3600
2000	2000	2073	32x14	2000	4000

* Non-standard flange drillings can be supplied upon request.
* Dimensions in mm.



PERFORMANCE DATA (KCA-KCP)									
Model	Type	INSERTION LOSS (dB) -Hz							
		63	125	250	500	1K	2K	4K	8K
315	KCA-1D	2	4	6	10	14	10	7	8
355	KCP-1D	4	6	8	12	18	19	16	14
400									
450	KCA-2D	4	7	11	17	21	17	13	12
500	KCP-2D	7	10	15	21	26	26	24	22
560									
630	KCA-1D	3	4	8	14	14	9	8	7
710	KCP-1D	4	6	9	17	23	20	18	11
800	KCA-2D	6	8	13	22	22	14	13	9
900	KCP-2D	8	11	16	27	32	32	29	19
1000	KCA-1D	3	4	9	14	12	8	7	7
1120	KCP-1D	4	6	11	20	19	15	13	11
1250	KCA-2D	6	8	13	22	22	14	13	9
1400	KCP-2D	8	11	19	26	27	26	22	17
1600	KCA-1D	4	5	10	14	11	7	6	6
1800	KCP-1D	5	7	12	19	18	13	11	9
2000	KCA-2D	8	9	14	20	17	11	10	9
	KCP-2D	10	14	22	25	27	25	16	15



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Certified dimension can be provided upon request.