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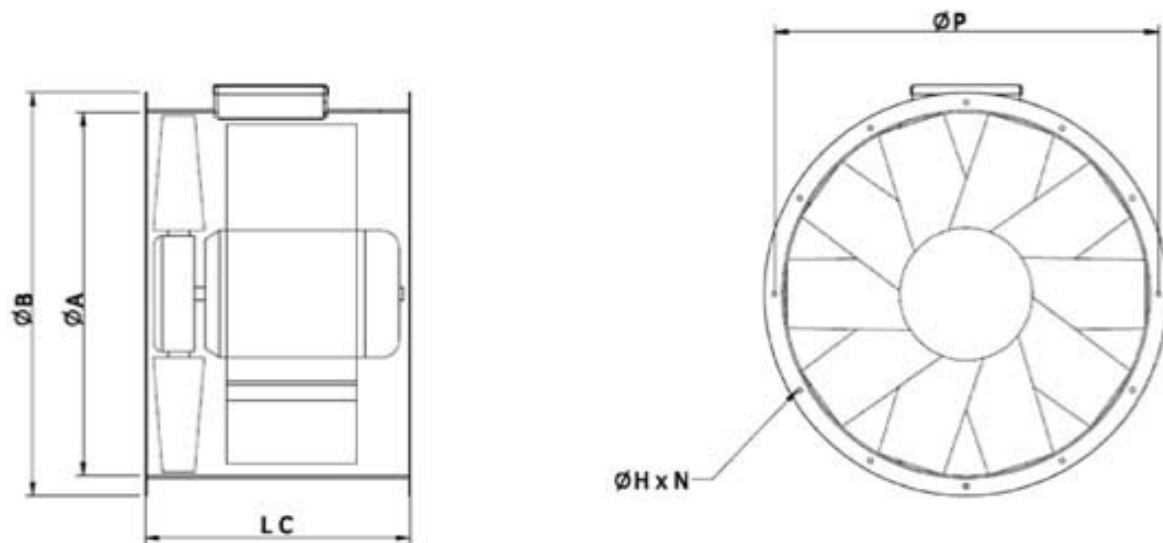
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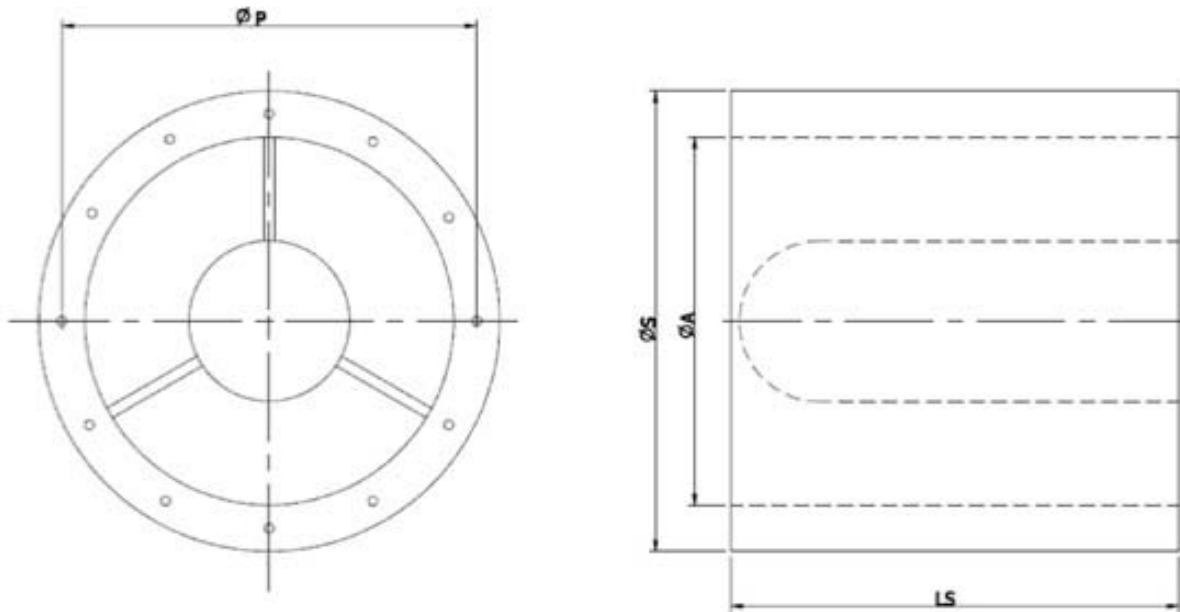
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Axial Flow Fans Fan Dimensions



Nominal Size	ϕA (mm)	ϕB (mm)	ϕP (mm)	N	ϕH (mm)	LC (mm)
315	315	395	355	8	12	300
355	355	435	395	8	12	400
400	400	490	450	8	12	400
450	450	540	500	12	12	400
500	500	600	560	12	12	400-450
560	560	660	620	12	12	400-570
630	630	730	690	12	12	400-710
710	710	810	770	16	12	450-710
800	800	900	860	16	12	450-710
900	900	1010	970	16	16	450-710
1000	1000	1110	1070	16	16	450-840

Axial Flow Fans Silencer Dimensions



Fan Size	ØA (mm)	ØS (mm)	ØP (mm)	N	ØT	LS (mm)	
						1D	2D
315	315	465	355	8	M8	315	630
355	355	505	395	8	M8	355	710
400	400	600	450	8	M8	400	800
450	450	650	500	12	M8	450	900
500	500	700	560	12	M8	500	1000
560	560	760	620	12	M8	560	1120
630	630	830	690	12	M8	630	1260
710	710	910	770	16	M8	710	1420
800	800	1000	860	16	M8	800	1600
900	900	1100	970	16	M12	900	1800
1000	1000	1200	1070	16	M12	1000	2000

Axial Flow Fans Silencer Attenuation Data

DYNAMIC INSERTION LOSS

Dynamic insertion loss through an axial flow circular silencer is the difference in the sound power level of a fan before and after being fitted with a silencer. The table below represent the attenuating performance of AirVenturer circular silencers. Sound power level reductions presented are in Decibel Watt (dBW).

AirVenturer circular silencer comes in both podded and non-podded models. Pod states are denoted as: NP—Non-Podded; PD—Podded.

Fan Size	Silencer Length	Pod State	Dynamic Insertion Loss (dBW) Across Octave Band (Hz)							
			63	125	250	500	1000	2000	4000	8000
315 355 400	1D	NP	1	4	6	10	12	11	7	7
		PD	3	5	7	11	17	18	17	13
450 500 560	2D	NP	3	7	11	17	22	18	12	9
		PD	7	9	11	21	25	26	23	20
630 710 800	1D	NP	3	4	10	15	14	7	7	5
		PD	3	6	8	18	24	19	18	9
	2D	NP	5	8	12	22	20	12	12	8
		PD	8	10	16	25	30	30	27	18
900 1000	1D	NP	3	5	10	14	14	7	7	5
		PD	3	6	11	18	17	16	13	10
	2D	NP	6	8	12	22	18	12	10	9
		PD	8	12	18	25	28	26	20	15

