

Sonair 3.0

Sound power measurements

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On 25-10-2021 sound measurements were performed for the Sonair 3.0 at Peutz BV. The original Peutz report number is A 4105-2-RA-001. Peutz is an external laboratory accredited to perform sound power measurements according to ISO 3741.

The column "Sound power [dB(A)] in the table below are the results of the sound measurement at Peutz. The column "Lpa (1m; Lpa 10m2)" is calculated by Brink and is the expected audible sound pressure level in a reference room.

The measurements were performed with a ISO Coarse 60% filter.

Fan speed	Flow [m ³ /h]	Sound power Lwa [dB(A)]	Lpa [dB(A)] (1m; Lpa 10m2)
0	0	-	-
1	20	< 18,5	< 15,3
2	30	< 20,0	< 16,8
3	40	25,5	22,3
4	50	30,0	26,8
5	60	34,5	31,3
6	70	37,0	33,8
7	85	41,5	38,3
8	105	46,5	43,3
9	125	51,0	47,8
10	150	55,5	52,3