

B & K Reference Sound Source Type 4204

Sound power is measured in 1/3 oct. bands
1/1 oct. values and the total A-weighted values are calculated.

The sound source is placed in a free field above a reflecting plane.

Calibration accuracy	: 100 – 160	Hz : +/- 1.0 dB
	: 200 – 4000	Hz : +/- 0.5 dB
	: 5000 – 10000	Hz : +/- 1.0 dB

Serial No.	552292	Air Temperature	25	C
Date	10 May 1990	Barometric Pressure	1017	mbar
Sign.	OL	Rel. Humidity	45	%

Sound Power in dB re 1 pW

Line frequency	50.0	Hz	60.0	Hz
Freq. of rotation	48.4	Hz	56.3	Hz

Center freq. (Hz)	1/3 Oct. (dB)	1/1 Oct. (dB)	1/3 Oct. (dB)	1/1 Oct. (dB)
100	74.9		79.4	
125	75.5	80.5	78.8	84.3
160	76.6		80.1	
200	77.9		80.9	
250	77.7	82.4	81.2	85.9
315	77.4		81.2	
400	77.4		80.7	
500	77.9	82.6	81.0	85.8
630	78.3		81.3	
800	81.4		84.7	
1000	82.1	87.1	86.3	90.9
1250	83.4		87.0	
1600	83.2		86.6	
2000	82.4	86.9	86.0	90.6
2500	80.3		84.8	
3150	79.6		83.2	
4000	79.3	84.1	83.1	88.0
5000	79.0		83.3	
6300	77.5		81.8	
8000	75.7	80.7	80.2	85.2
10000	73.7		78.4	
12500	71.4		76.4	
16000	68.7	74.0	73.8	79.0
20000	66.0		71.1	

Curve A:	92.3 dB(A)	96.1 dB(A)
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