



## NOISE DEFINITIONS

Sound Pressure is measured in decibels (dB) at a specific distance from the source.

In General :

Pressure = sound power level - (20 log d + 7.8)

where **d** = the distance away from the source

### Noise Levels - LPW2

r/min	Load	Sound Power	Sound Pressure at 7m	Sound Pressure at 1m
		dB(A)		
1500	100%	97.7	73.0	89.9
	0%	94.5	69.8	86.7
1800	100%	100.7	76.0	92.9
	0%	95.8	71.1	88.0
3000	100%	103.7	79.0	95.9
	0%	99.7	75.0	91.9

### Noise Levels - LPW3

r/min	Load	Sound Power	Sound Pressure at 7m	Sound Pressure at 1m
		dB(A)		
1500	100%	91.1	73.0	89.9
	0%	94.5	69.8	86.7
1800	100%	100.1	75.5	92.3
	0%	95.3	70.6	87.5
3000	100%	103.2	78.5	95.4
	0%	99.2	74.5	91.4

### Noise Levels - LPW4

r/min	Load	Sound Power	Sound Pressure at 7m	Sound Pressure at 1m
		dB(A)		
1500	100%	100.4	75.7	92.6
	0%	96.4	71.7	88.6
1800	100%	103.0	78.3	95.2
	0%	98.0	73.3	90.2
3000	100%	107.0	82.3	99.2
	0%	102.0	77.3	94.2

### Noise Levels - LPWT4

r/min	Load	Sound Power	Sound Pressure at 7m	Sound Pressure at 1m
		dB(A)		
1500	100%	94.5	69.5	86.5
	0%	93.5	68.5	85.5
1800	100%	96.0	71.0	88.0
	0%	95.5	70.5	87.5
3000	100%	101.0	76.0	93.0
	0%	99.5	74.5	91.5