

# 86902239 MG100LB 60 Hz

## Sound Measurement Report Sound Power measurement according to DS/ISO-3743

Motor type: MG100LB

Product number: 86902239

Fan diameter: D108 [mm]

P2: 3 [HP]

U: 440 [V]

Pole: 4

Frequency: 60 [Hz]

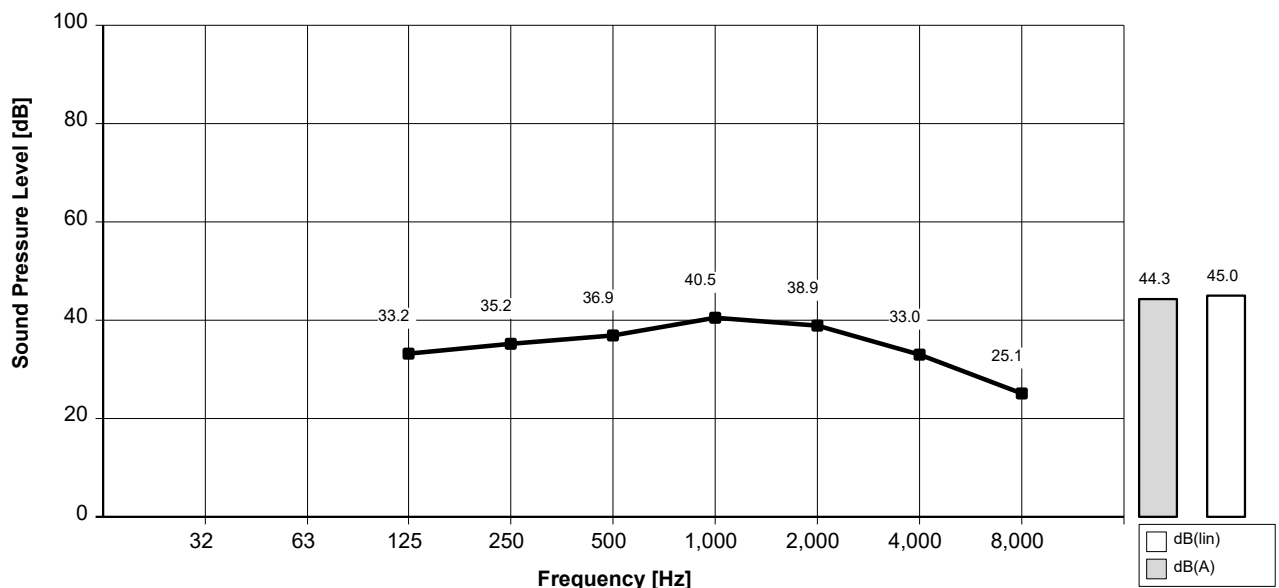
**Remarks:** The declared noise emission value, does not take production variations and measurement uncertainties into account. The declared value may therefore be up-to 3 dB higher, than the value for the average production unit.

Tested at:

### Octave Band Level [db]

| Center Frequency                            | 125  | 250  | 500  | 1000 | 2000 | 4000 | 8000 | dB(A) | dB(lin) |
|---------------------------------------------|------|------|------|------|------|------|------|-------|---------|
| Sound Power<br>Level re: 1 pW               | 45,2 | 47,3 | 48,9 | 52,6 | 51,0 | 45,1 | 37,2 | 56,4  | 57,1    |
| Sound Pressure Average<br>at 1m. re: 20 UPa | 33,2 | 35,2 | 36,9 | 40,5 | 38,9 | 33,0 | 25,1 | 44,3  | 45,0    |

### Sound Pressure calculated according to ISO/DIS 11203 method Q2



Initials: KIR

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