

# 86U15510 MG100LC 50 Hz

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

Motor type: MG100LC

Product number: 86U15510

Fan diameter: D128 [mm]

P2: 3 [kW]

U: 400 [V]

Pole: 4

Frequency: 50 [Hz]

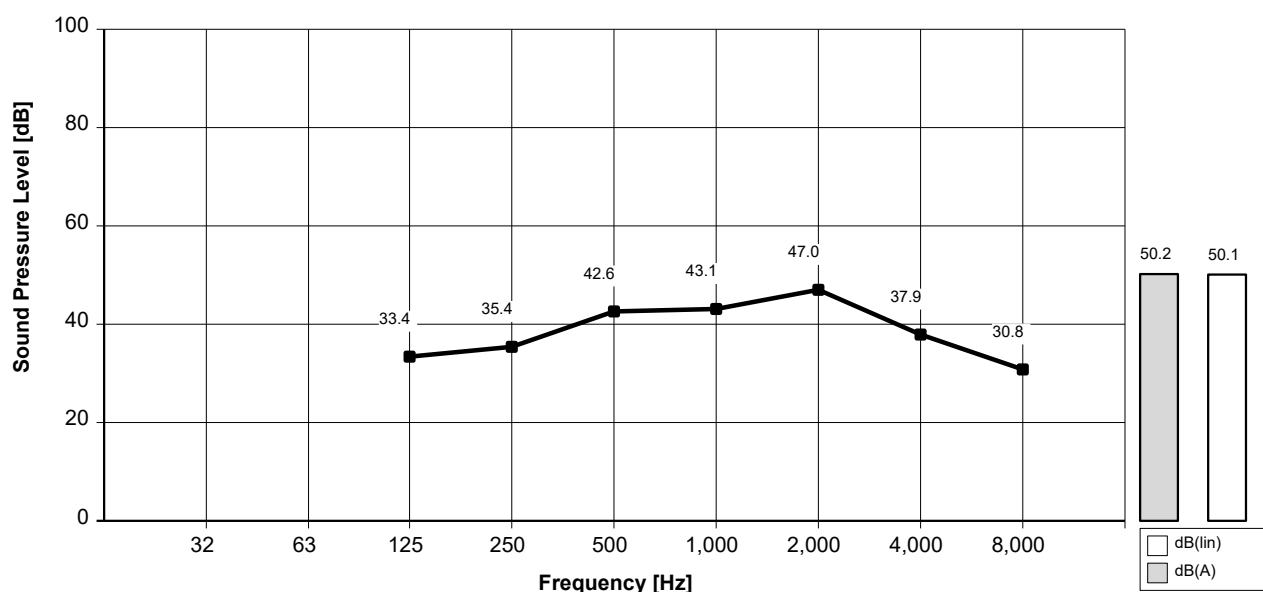
**Remarks:** The declared noise emission value, does not take production variations and measurement uncertainties into account. The declared value may therefore be up-to 3 dB higher, than the value for the average production unit.

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               | 45,5 | 47,4 | 54,6 | 55,1 | 59,0 | 50,0 | 42,9 | 62,2  | 62,1    |
| Sound Pressure Average<br>at 1m. re: 20 UPa | 33,4 | 35,4 | 42,6 | 43,1 | 47,0 | 37,9 | 30,8 | 50,2  | 50,1    |

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



Initials: KIR

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