

85905450 MG100LC 50 Hz

| Sound Measurement Report                         |                          |                         |                    |
|--------------------------------------------------|--------------------------|-------------------------|--------------------|
| Sound Power measurement according to DS/ISO-3743 |                          |                         |                    |
| Motor type: MG100LC                              | Product number: 85905450 | Fan diameter: D108 [mm] |                    |
| P2: 3 [kW]                                       | U: 400 [V]               | Pole: 2                 | Frequency: 50 [Hz] |

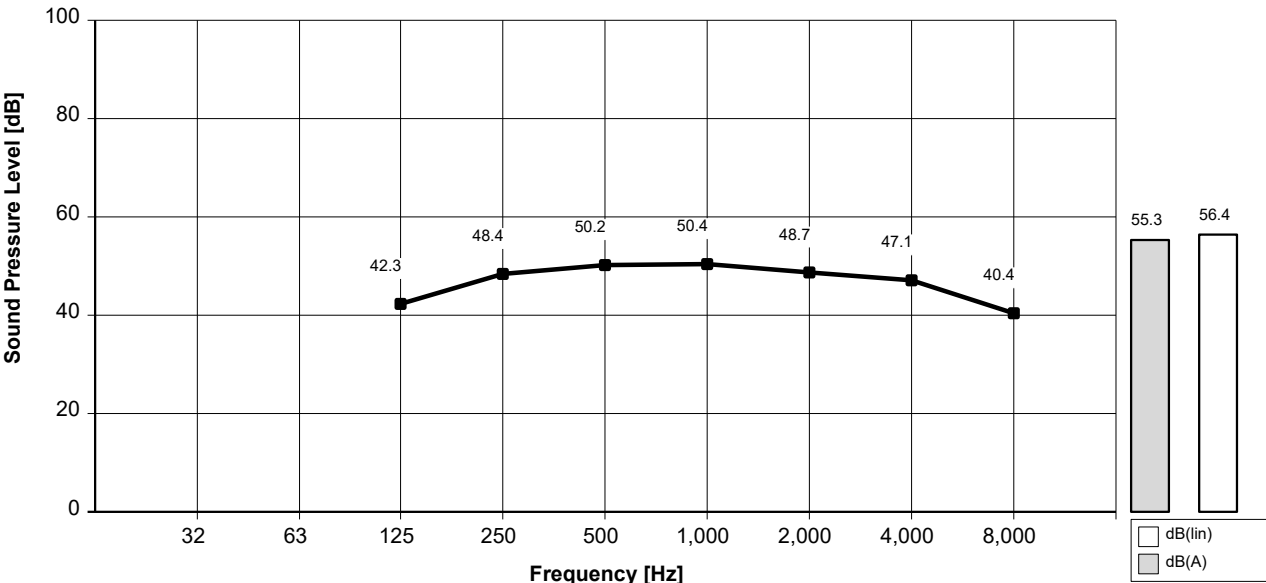
**Remarks:** The declared noise emission value, does not take production variations and measurement uncertainties into account. The declared value may therefore be up-to 3 dB higher, than the value for the average production unit.

**Tested at:**

Octave Band Level [db]

| Center Frequency                         | 125  | 250  | 500  | 1000 | 2000 | 4000 | 8000 | dB(A) | dB(lin) |
|------------------------------------------|------|------|------|------|------|------|------|-------|---------|
| Sound Power Level re: 1 pW               | 54,3 | 60,4 | 62,2 | 62,4 | 60,7 | 59,1 | 52,5 | 67,3  | 68,4    |
| Sound Pressure Average at 1m. re: 20 UPa | 42,3 | 48,4 | 50,2 | 50,4 | 48,7 | 47,1 | 40,4 | 55,3  | 56,4    |

Sound Pressure calculated according to ISO/DIS 11203 method Q2



Initials: KIR

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