# 85905775 MG100LC 50 Hz

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

**Motor type:** MG100LC **Product number:** 85905775 **Fan diameter:** D108 **[mm]**

**P2:** 3 **[kW]** **U:** 400 **[V]** **Pole:** 2 **Frequency:** 50 **[Hz]**

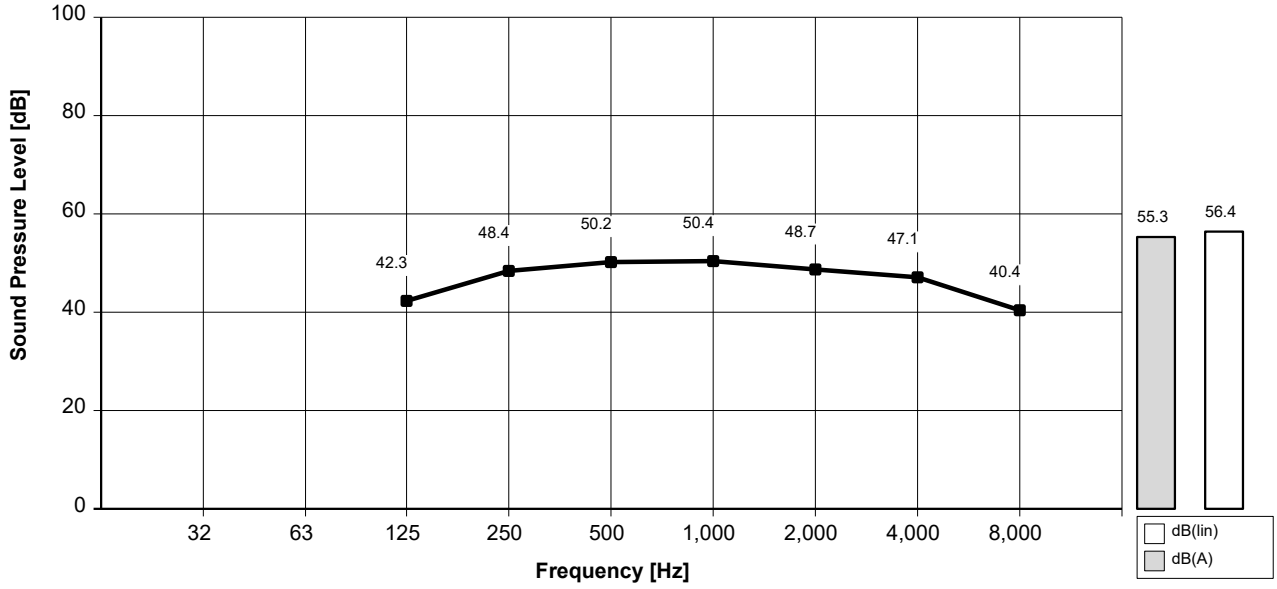
**Remarks:** The declared noise emission value, does not take production variations and measurement uncertainties into account. The declared value may therefore be up-to 3 dB higher, than the value for the average production unit.

**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

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