

85905363 MG90LC 50 Hz

| Sound Measurement Report                         |                          |                         |                    |
|--------------------------------------------------|--------------------------|-------------------------|--------------------|
| Sound Power measurement according to DS/ISO-3743 |                          |                         |                    |
| Motor type: MG90LC                               | Product number: 85905363 | Fan diameter: D108 [mm] |                    |
| P2: 2.2 [kW]                                     | U: 400 [V]               | Pole: 2                 | Frequency: 50 [Hz] |

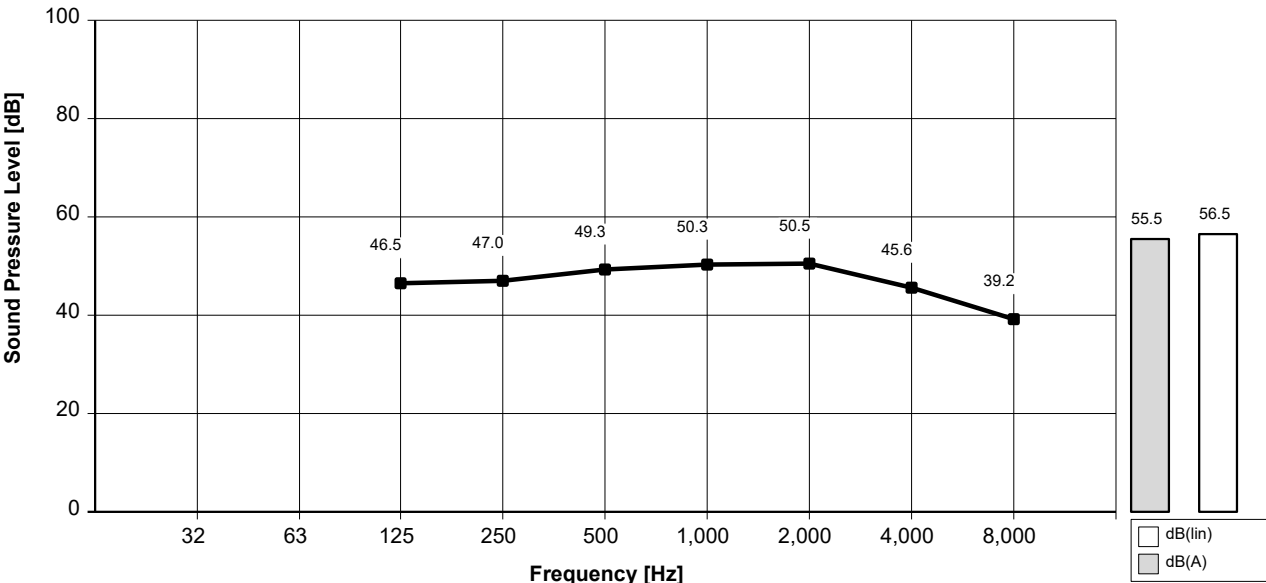
**Remarks:** The declared noise emission value, does not take production variations and measurement uncertainties into account. The declared value may therefore be up-to 3 dB higher, than the value for the average production unit.

**Tested at:**

Octave Band Level [db]

| Center Frequency                            | 125  | 250  | 500  | 1000 | 2000 | 4000 | 8000 | dB(A) | dB(lin) |
|---------------------------------------------|------|------|------|------|------|------|------|-------|---------|
| Sound Power<br>Level re: 1 pW               | 58,5 | 59,0 | 61,3 | 62,3 | 62,6 | 57,6 | 51,2 | 67,5  | 68,5    |
| Sound Pressure Average<br>at 1m. re: 20 UPa | 46,5 | 47,0 | 49,3 | 50,3 | 50,5 | 45,6 | 39,2 | 55,5  | 56,5    |

Sound Pressure calculated according to ISO/DIS 11203 method Q2



Initials: KIR                      File no.: LY15669-29.09.2006