

# 85903863 MG90LC 50 Hz

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

Motor type: MG90LC Product number: 85903863 Fan diameter: D108 [mm]  
P2: 2.2 [kW] U: 400 [V] Pole: 2 Frequency: 50 [Hz]

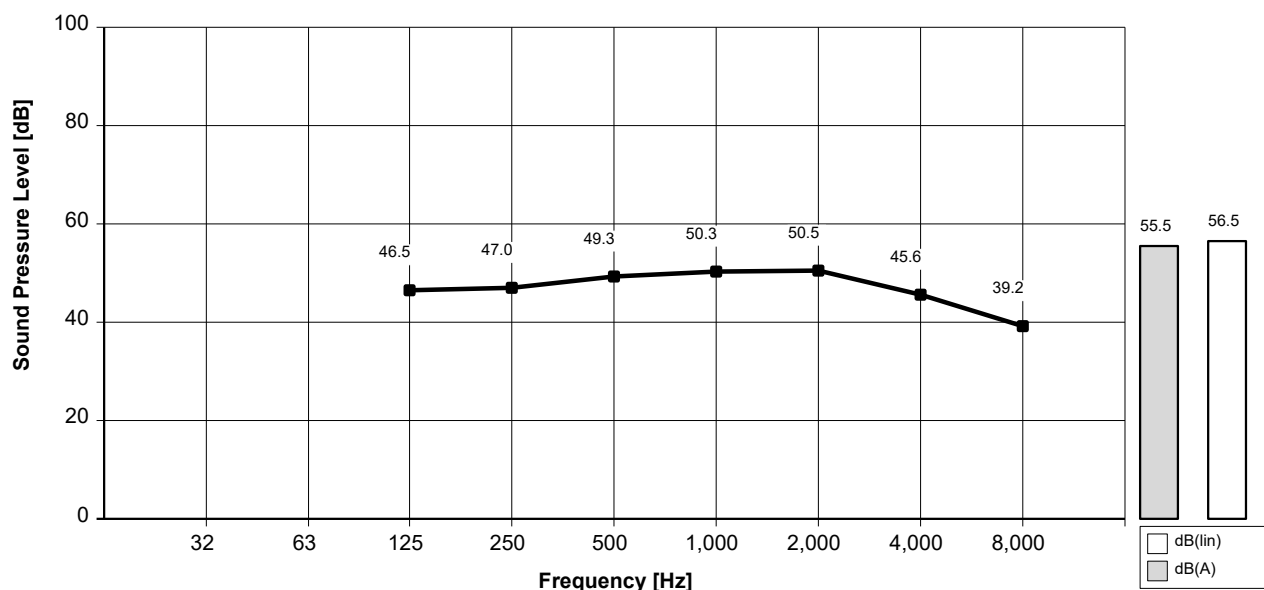
**Remarks:** The declared noise emission value, does not take production variations and measurement uncertainties into account. The declared value may therefore be up-to 3 dB higher, than the value for the average production unit.

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

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