

# 87100313 MG80B 50 Hz

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

Motor type: MG80B Product number: 87100313 Fan diameter: D124 [mm]  
P2: 0.75 [kW] U: 400 [V] Pole: 4 Frequency: 50 [Hz]

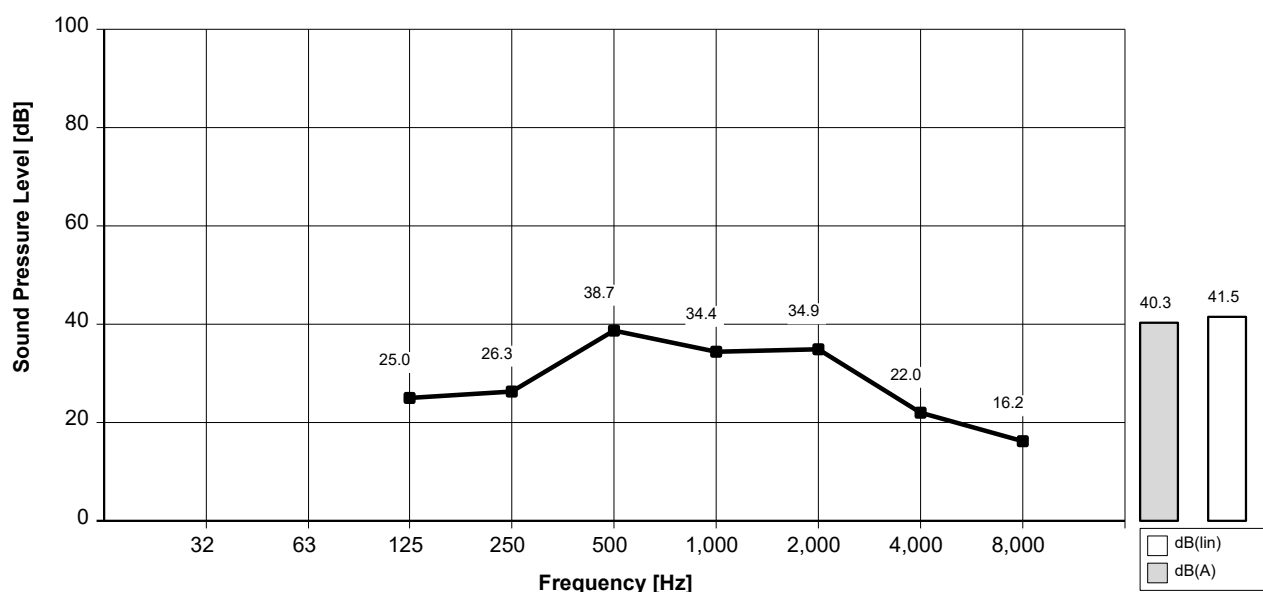
**Remarks:** The declared noise emission value, does not take production variations and measurement uncertainties into account. The declared value may therefore be up-to 3 dB higher, than the value for the average production unit.

**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               | 36,8 | 38,1 | 50,6 | 46,2 | 46,7 | 33,8 | 28,0 | 52,1  | 53,3    |
| Sound Pressure Average<br>at 1m. re: 20 UPa | 25,0 | 26,3 | 38,7 | 34,4 | 34,9 | 22,0 | 16,2 | 40,3  | 41,5    |

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



Initials: KIR

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