

85D15806 MG90SB 50 Hz

| Sound Measurement Report                         |                          |                         |                    |
|--------------------------------------------------|--------------------------|-------------------------|--------------------|
| Sound Power measurement according to DS/ISO-3743 |                          |                         |                    |
| Motor type: MG90SB                               | Product number: 85D15806 | Fan diameter: D108 [mm] |                    |
| P2: 1.5 [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               | 56,4 | 57,9 | 60,4 | 63,1 | 59,1 | 54,8 | 48,9 | 66,2  | 67,3    |
| Sound Pressure Average<br>at 1m. re: 20 UPa | 44,4 | 45,9 | 48,3 | 51,1 | 47,0 | 42,7 | 36,9 | 54,2  | 55,3    |

Sound Pressure calculated according to ISO/DIS 11203 method Q2



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