

85727817 MGE132SC 50 Hz

| Sound Measurement Report                         |                          |                         |                    |
|--------------------------------------------------|--------------------------|-------------------------|--------------------|
| Sound Power measurement according to DS/ISO-3743 |                          |                         |                    |
| Motor type: MGE132SC                             | Product number: 85727817 | Fan diameter: D158 [mm] |                    |
| P2: 5.5 [kW]                                     | U: 400 [V]               | Pole: 2                 | Frequency: 50 [Hz] |

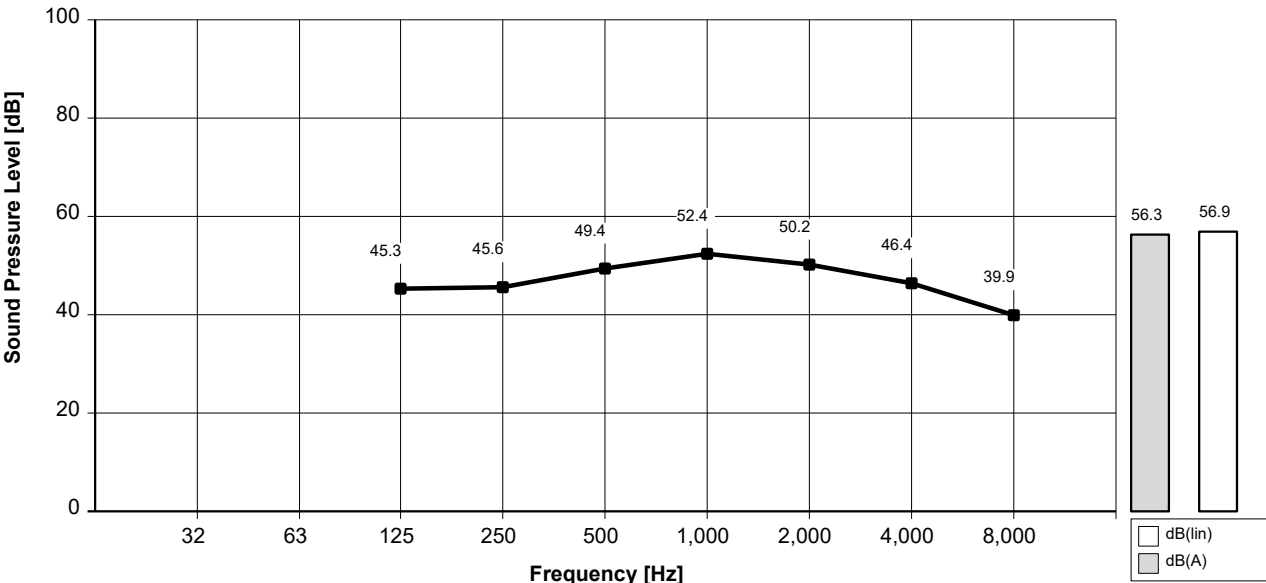
**Remarks:** The declared noise emission value, does not take production variations and measurement uncertainties into account. The declared value may therefore be up-to 3 dB higher, than the value for the average production unit.

**Tested at:** 1500 (idle) rpm

Octave Band Level [db]

| Center Frequency                            | 125  | 250  | 500  | 1000 | 2000 | 4000 | 8000 | dB(A) | dB(lin) |
|---------------------------------------------|------|------|------|------|------|------|------|-------|---------|
| Sound Power<br>Level re: 1 pW               | 57,6 | 57,9 | 61,7 | 64,7 | 62,5 | 58,7 | 52,2 | 68,6  | 69,2    |
| Sound Pressure Average<br>at 1m. re: 20 UPa | 45,3 | 45,6 | 49,4 | 52,4 | 50,2 | 46,4 | 39,9 | 56,3  | 56,9    |

Sound Pressure calculated according to ISO/DIS 11203 method Q2



Initials: KIR      File no.: LY05144-03.12.2004

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

**Motor type:** MGE132SC

**Product number:** 85727817

**Fan diameter:** D158 [mm]

**P2:** 5.5 [kW]

**U:** 400 [V]

**Pole:** 2

**Frequency:** 50 [Hz]

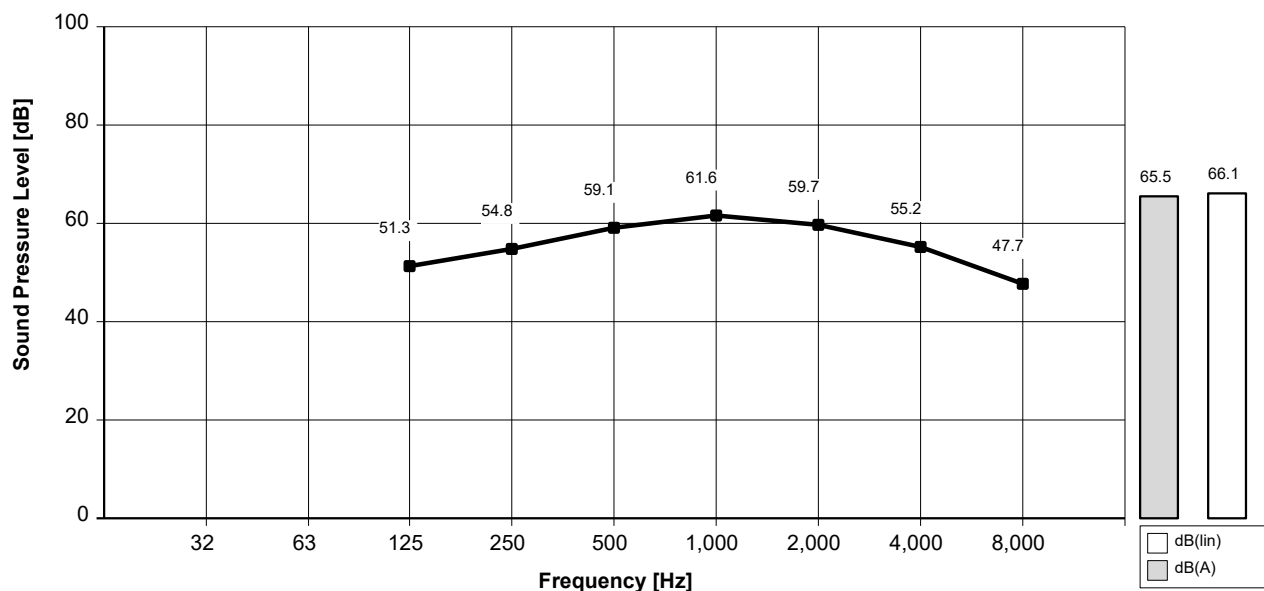
**Remarks:** The declared noise emission value, does not take production variations and measurement uncertainties into account. The declared value may therefore be up-to 3 dB higher, than the value for the average production unit.

**Tested at:** 2250 (idle) rpm

**Octave Band Level [db]**

| Center Frequency                            | 125  | 250  | 500  | 1000 | 2000 | 4000 | 8000 | dB(A) | dB(lin) |
|---------------------------------------------|------|------|------|------|------|------|------|-------|---------|
| Sound Power<br>Level re: 1 pW               | 63,6 | 67,1 | 71,4 | 73,9 | 72,0 | 67,6 | 60,0 | 77,9  | 78,4    |
| Sound Pressure Average<br>at 1m. re: 20 UPa | 51,3 | 54,8 | 59,1 | 61,6 | 59,7 | 55,2 | 47,7 | 65,5  | 66,1    |

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



**Initials:** KIR

**File no.:** LY05143-03.12.2004

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

**Motor type:** MGE132SC

**Product number:** 85727817

**Fan diameter:** D158 [mm]

**P2:** 5.5 [kW]

**U:** 400 [V]

**Pole:** 2

**Frequency:** 50 [Hz]

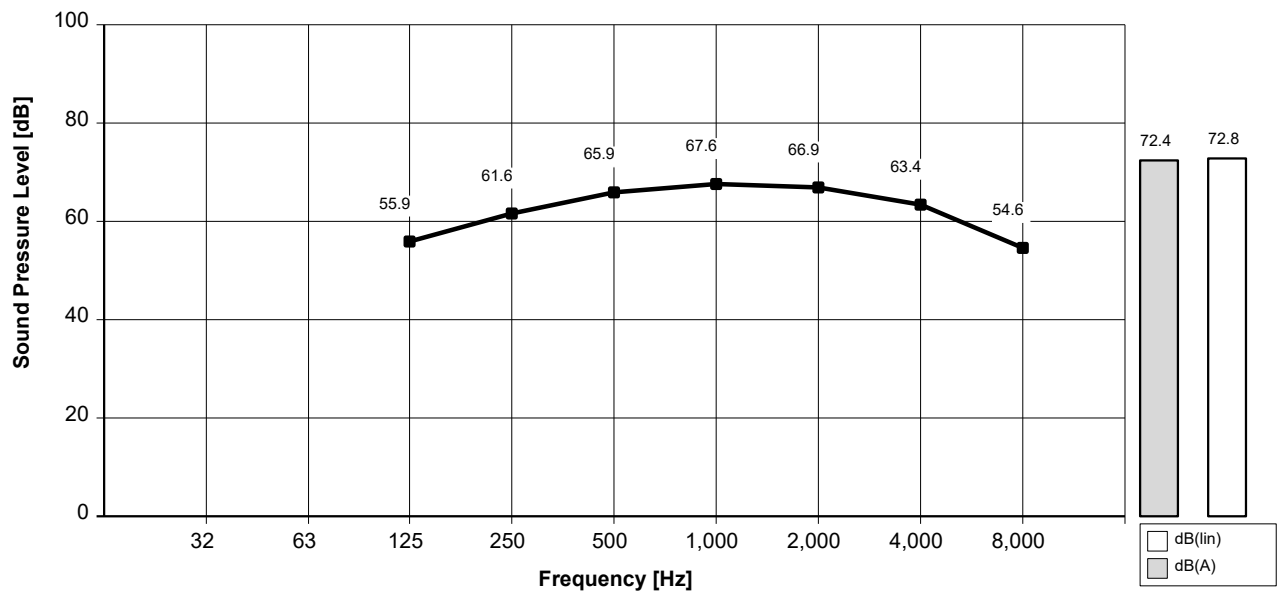
**Remarks:** The declared noise emission value, does not take production variations and measurement uncertainties into account. The declared value may therefore be up-to 3 dB higher, than the value for the average production unit.

**Tested at:** 3000 (idle) rpm

**Octave Band Level [db]**

| Center Frequency                            | 125  | 250  | 500  | 1000 | 2000 | 4000 | 8000 | dB(A) | dB(lin) |
|---------------------------------------------|------|------|------|------|------|------|------|-------|---------|
| Sound Power<br>Level re: 1 pW               | 68,2 | 73,9 | 78,2 | 80,0 | 79,2 | 75,8 | 66,9 | 84,7  | 85,1    |
| Sound Pressure Average<br>at 1m. re: 20 UPa | 55,9 | 61,6 | 65,9 | 67,6 | 66,9 | 63,4 | 54,6 | 72,4  | 72,8    |

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



**Initials:** KIR

**File no.:** LY05142-03.12.2004

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

**Motor type:** MGE132SC

**Product number:** 85727817

**Fan diameter:** D158 [mm]

**P2:** 5.5 [kW]

**U:** 400 [V]

**Pole:** 2

**Frequency:** 50 [Hz]

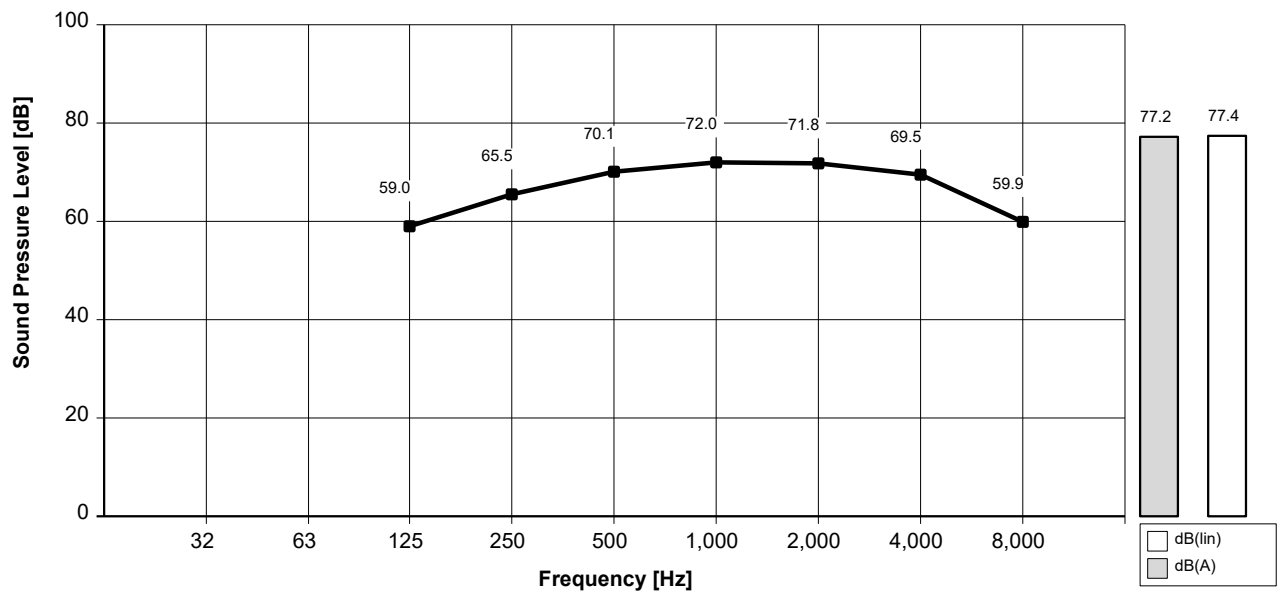
**Remarks:** The declared noise emission value, does not take production variations and measurement uncertainties into account. The declared value may therefore be up-to 3 dB higher, than the value for the average production unit.

**Tested at:** 3600 (idle) rpm

**Octave Band Level [db]**

| Center Frequency                            | 125  | 250  | 500  | 1000 | 2000 | 4000 | 8000 | dB(A) | dB(lin) |
|---------------------------------------------|------|------|------|------|------|------|------|-------|---------|
| Sound Power<br>Level re: 1 pW               | 71,3 | 77,8 | 82,4 | 84,3 | 84,1 | 81,8 | 72,3 | 89,5  | 89,7    |
| Sound Pressure Average<br>at 1m. re: 20 UPa | 59,0 | 65,5 | 70,1 | 72,0 | 71,8 | 69,5 | 59,9 | 77,2  | 77,4    |

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



**Initials:** KIR

**File no.:** LY05141-03.12.2004