

# 87402042 MG160LB 60 Hz

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

Motor type: MG160LB

Product number: 87402042

Fan diameter: D210 [mm]

P2: 18.5 [kW]

Pole: 2

**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               | 66,9 | 68,4 | 73,6 | 73,2 | 70,5 | 69,0 | 65,7 | 77,8  | 78,9    |
| Sound Pressure Average<br>at 1m. re: 20 UPa | 54,4 | 55,9 | 61,1 | 60,7 | 58,0 | 56,5 | 53,2 | 65,3  | 66,4    |

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

