

# 85901493 MGE160LB 50 Hz

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

Motor type: MGE160LB Product number: 85901493 Fan diameter: D240 [mm]  
P2: 18.5 [kW] U: 400 [V] Pole: 2 Frequency: 50 [Hz]

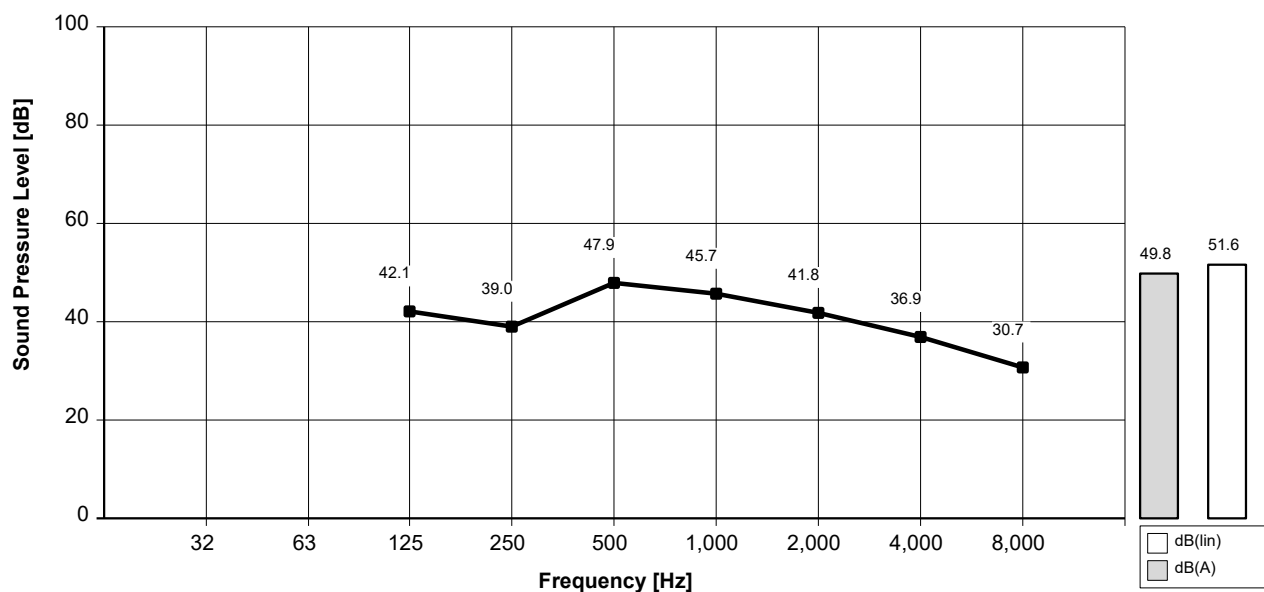
**Remarks:** The declared noise emission value, does not take production variations and measurement uncertainties into account. The declared value may therefore be up-to 3 dB higher, than the value for the average production unit.

**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               | 55,2 | 52,1 | 61,0 | 58,7 | 54,8 | 49,9 | 43,8 | 62,8  | 64,6    |
| Sound Pressure Average<br>at 1m. re: 20 UPa | 42,1 | 39,0 | 47,9 | 45,7 | 41,8 | 36,9 | 30,7 | 49,8  | 51,6    |

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



Initials: KIR

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