86901021 MGE160LB 50 Hz

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

Motor type: MGE160LB **Product number:** 86901021 **Fan diameter:** D270 **[mm]**

P2: 15 **[kW]** **U:** 400 **[V]** **Pole:** 4 **Frequency:** 50 **[Hz]**

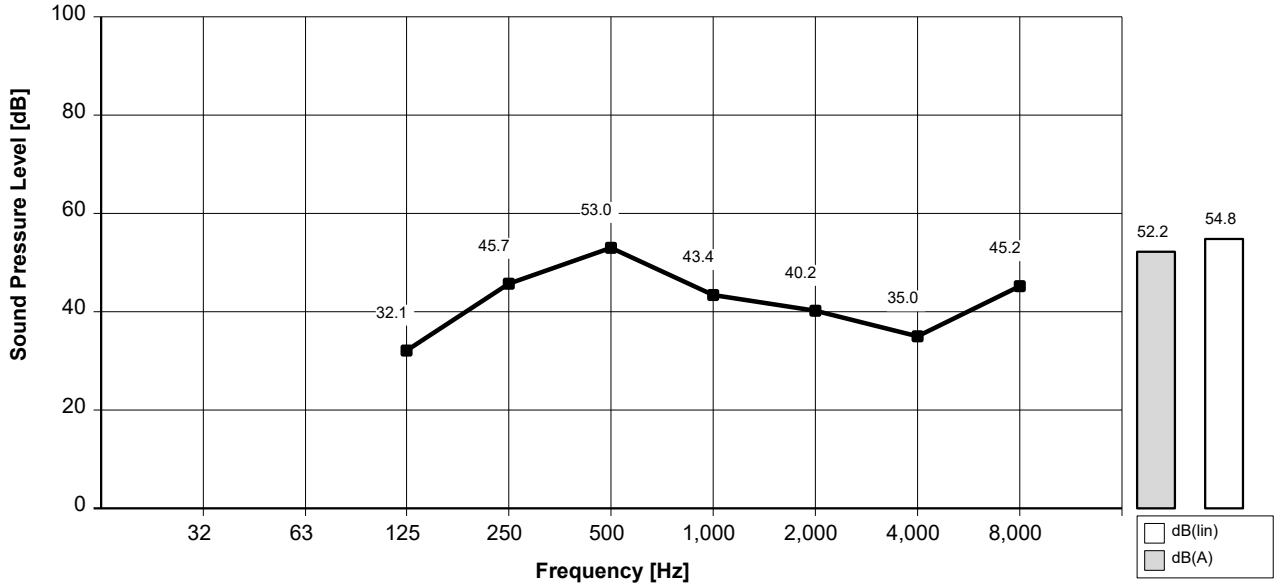
Remarks: The declared noise emission value, does not take production variations and measurement uncertainties into account. The declared value may therefore be up-to 3 dB higher, than the value for the average production unit.

Tested at: 750 (idle) rpm

Octave Band Level [db]

Center Frequency	125	250	500	1000	2000	4000	8000	dB(A)	dB(lin)
Sound Power Level re: 1 pW	45,2	58,8	66,1	56,5	53,3	48,1	58,3	65,3	68,0
Sound Pressure Average at 1m. re: 20 UPa	32,1	45,7	53,0	43,4	40,2	35,0	45,2	52,2	54,8

Sound Pressure calculated according to ISO/DIS 11203 method Q2



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

Motor type: MGE160LB **Product number:** 86901021 **Fan diameter:** D270 **[mm]**

P2: 15 **[kW]** **U:** 400 **[V]** **Pole:** 4 **Frequency:** 50 **[Hz]**

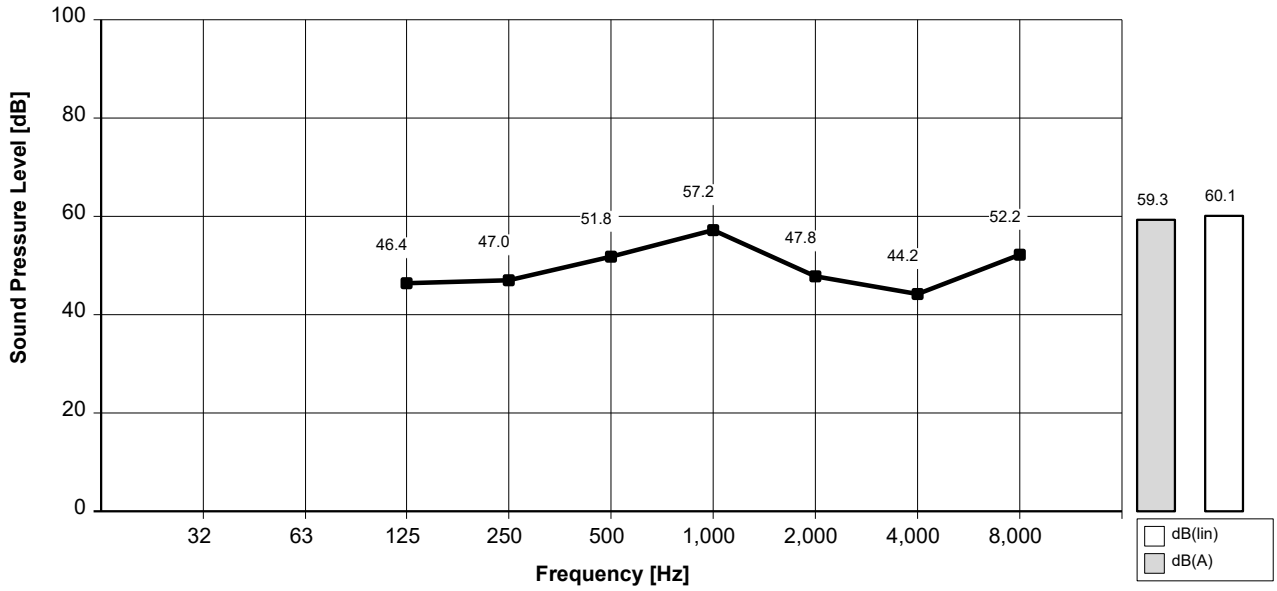
Remarks: The declared noise emission value, does not take production variations and measurement uncertainties into account. The declared value may therefore be up-to 3 dB higher, than the value for the average production unit.

Tested at: 1125 (idle) rpm

Octave Band Level [db]

Center Frequency	125	250	500	1000	2000	4000	8000	dB(A)	dB(lin)
Sound Power Level re: 1 pW	59,5	60,1	64,9	70,3	60,9	57,3	65,3	72,4	73,2
Sound Pressure Average at 1m. re: 20 UPa	46,4	47,0	51,8	57,2	47,8	44,2	52,2	59,3	60,1

Sound Pressure calculated according to ISO/DIS 11203 method Q2



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

Motor type: MGE160LB **Product number:** 86901021 **Fan diameter:** D270 **[mm]**

P2: 15 **[kW]** **U:** 400 **[V]** **Pole:** 4 **Frequency:** 50 **[Hz]**

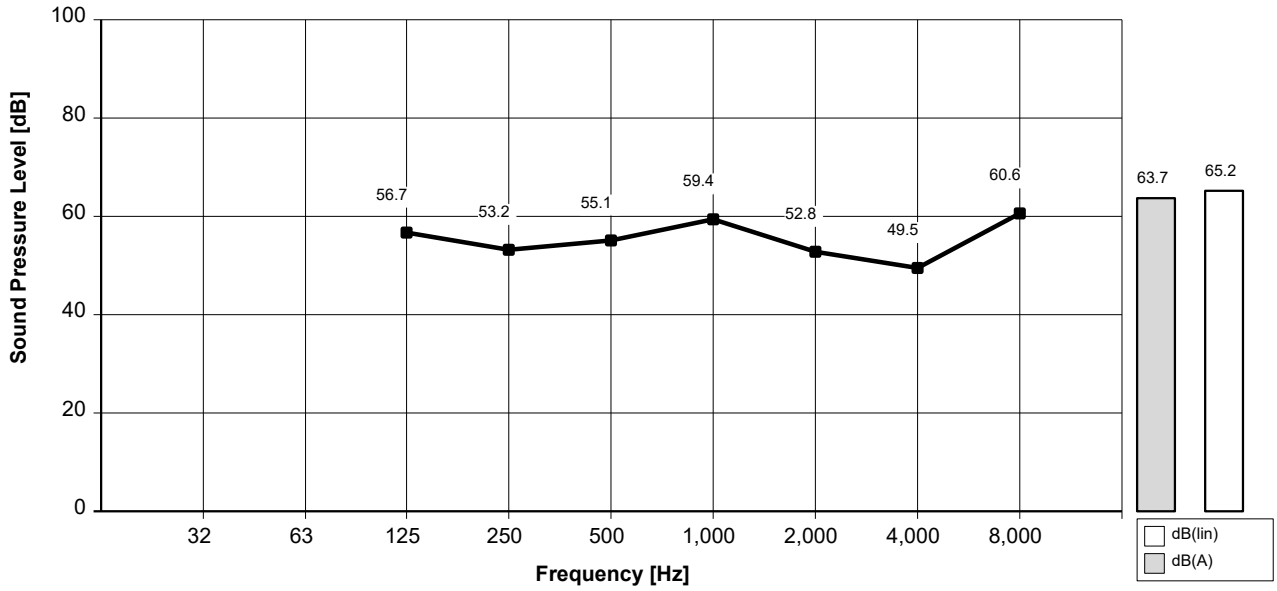
Remarks: The declared noise emission value, does not take production variations and measurement uncertainties into account. The declared value may therefore be up-to 3 dB higher, than the value for the average production unit.

Tested at: 1500 (idle) rpm

Octave Band Level [db]

Center Frequency	125	250	500	1000	2000	4000	8000	dB(A)	dB(lin)
Sound Power Level re: 1 pW	69,8	66,3	68,2	72,6	65,9	62,7	73,7	76,8	78,3
Sound Pressure Average at 1m. re: 20 UPa	56,7	53,2	55,1	59,4	52,8	49,5	60,6	63,7	65,2

Sound Pressure calculated according to ISO/DIS 11203 method Q2



Initials: KIR **File no.:** LY 26.09.2008

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

Motor type: MGE160LB **Product number:** 86901021 **Fan diameter:** D270 **[mm]**

P2: 15 **[kW]** **U:** 400 **[V]** **Pole:** 4 **Frequency:** 50 **[Hz]**

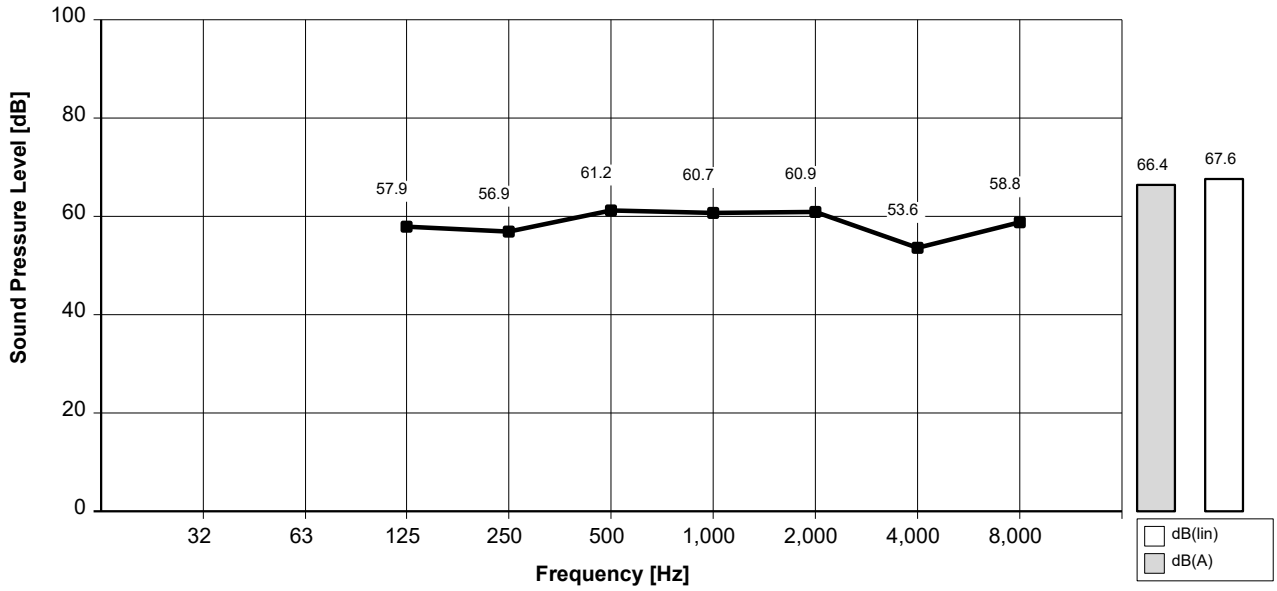
Remarks: The declared noise emission value, does not take production variations and measurement uncertainties into account. The declared value may therefore be up-to 3 dB higher, than the value for the average production unit.

Tested at: 1800 (idle) rpm

Octave Band Level [db]

Center Frequency	125	250	500	1000	2000	4000	8000	dB(A)	dB(lin)
Sound Power Level re: 1 pW	71,0	70,0	74,3	73,8	74,0	66,8	71,9	79,5	80,7
Sound Pressure Average at 1m. re: 20 UPa	57,9	56,9	61,2	60,7	60,9	53,6	58,8	66,4	67,6

Sound Pressure calculated according to ISO/DIS 11203 method Q2



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