86906175 MGE112MC 50 Hz

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

Motor type: MGE112MC **Product number:** 86906175 **Fan diameter:** D198 **[mm]**

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

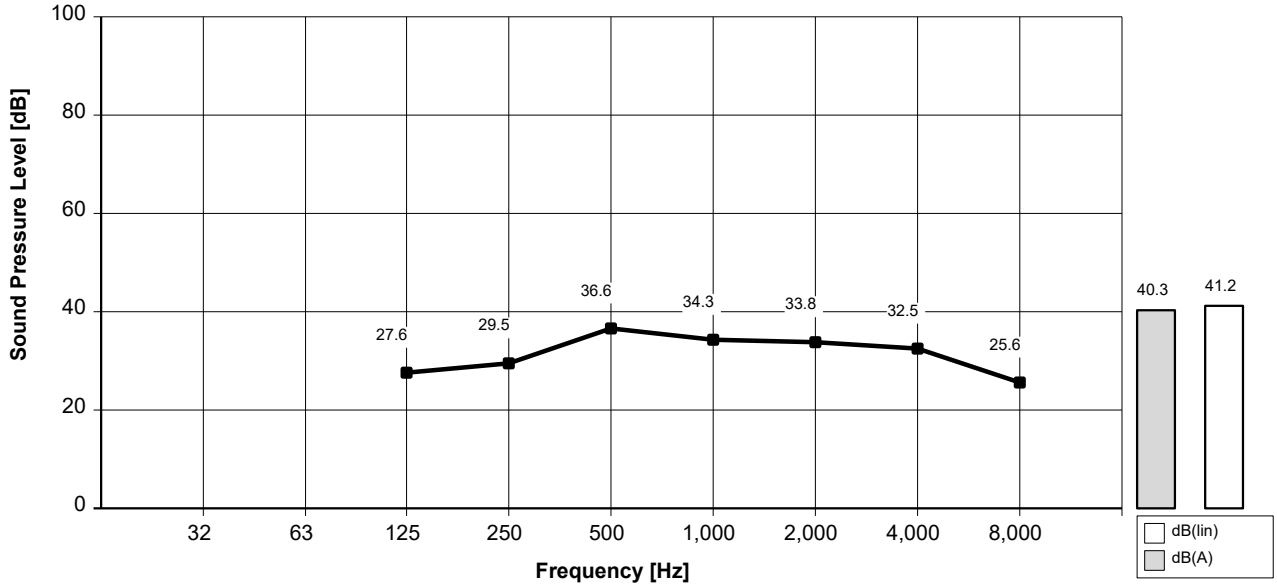
Remarks: The declared noise emission value, does not take production variations and measurement uncertainties into account. The declared value may therefore be up-to 3 dB higher, than the value for the average production unit.

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	39,8	41,8	48,9	46,6	46,1	44,8	37,9	52,6	53,5
Sound Pressure Average at 1m. re: 20 UPa	27,6	29,5	36,6	34,3	33,8	32,5	25,6	40,3	41,2

Sound Pressure calculated according to ISO/DIS 11203 method Q2



Initials: KIR **File no.:** LY05140-02.12.2004

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

Motor type: MGE112MC **Product number:** 86906175 **Fan diameter:** D198 **[mm]**

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

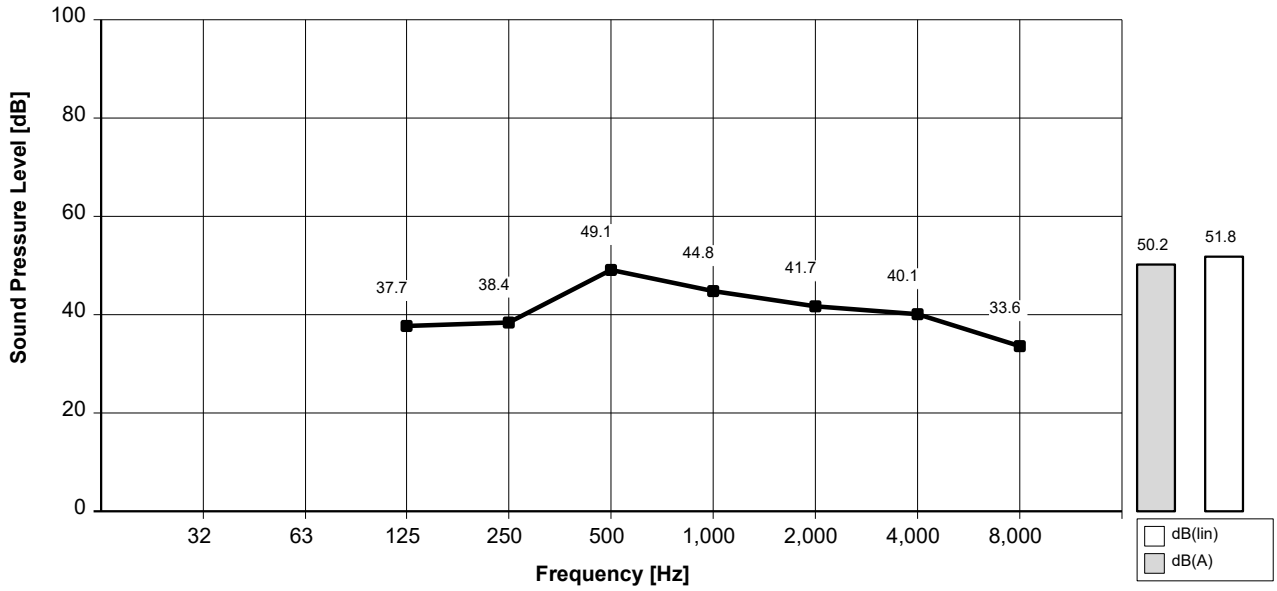
Remarks: The declared noise emission value, does not take production variations and measurement uncertainties into account. The declared value may therefore be up-to 3 dB higher, than the value for the average production unit.

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	50,0	50,7	61,4	57,1	54,0	52,4	45,9	62,5	64,1
Sound Pressure Average at 1m. re: 20 UPa	37,7	38,4	49,1	44,8	41,7	40,1	33,6	50,2	51,8

Sound Pressure calculated according to ISO/DIS 11203 method Q2



Initials: KIR **File no.:** LY05139-02.12.2004

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

Motor type: MGE112MC **Product number:** 86906175 **Fan diameter:** D198 **[mm]**

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

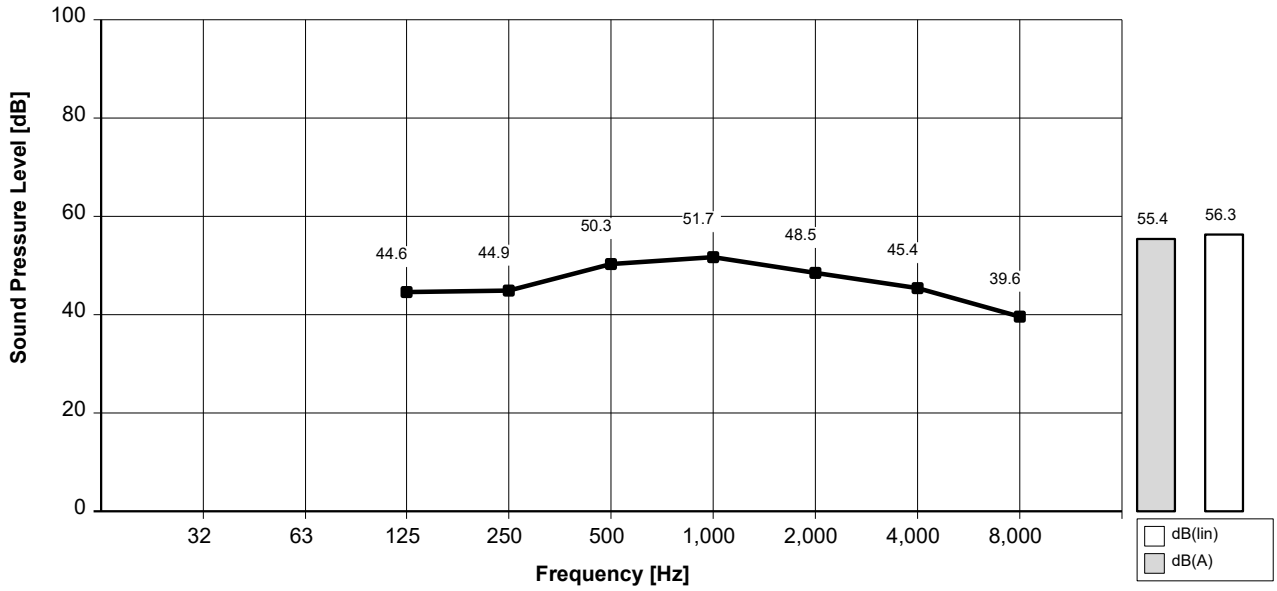
Remarks: The declared noise emission value, does not take production variations and measurement uncertainties into account. The declared value may therefore be up-to 3 dB higher, than the value for the average production unit.

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	56,8	57,1	62,6	64,0	60,8	57,7	51,8	67,7	68,6
Sound Pressure Average at 1m. re: 20 UPa	44,6	44,9	50,3	51,7	48,5	45,4	39,6	55,4	56,3

Sound Pressure calculated according to ISO/DIS 11203 method Q2



Initials: KIR **File no.:** LY05138-02.12.2004

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

Motor type: MGE112MC **Product number:** 86906175 **Fan diameter:** D198 **[mm]**

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

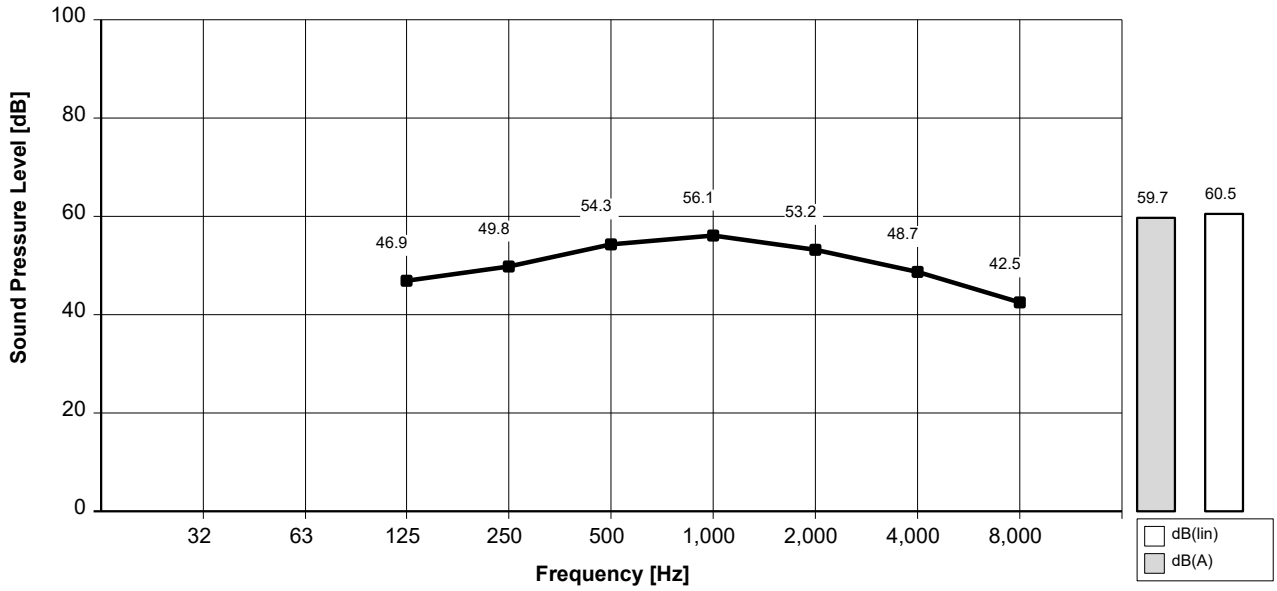
Remarks: The declared noise emission value, does not take production variations and measurement uncertainties into account. The declared value may therefore be up-to 3 dB higher, than the value for the average production unit.

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	59,2	62,1	66,5	68,4	65,5	61,0	54,8	72,0	72,8
Sound Pressure Average at 1m. re: 20 UPa	46,9	49,8	54,3	56,1	53,2	48,7	42,5	59,7	60,5

Sound Pressure calculated according to ISO/DIS 11203 method Q2



Initials: KIR **File no.:** LY05137-02.12.2004