

86906142 MGE90LC 50 Hz

Sound Measurement Report			
Sound Power measurement according to DS/ISO-3743			
Motor type: MGE90LC	Product number: 86906142	Fan diameter: D128 [mm]	
P2: 1.5 [kW]	U: 400 [V]	Pole: 4	Frequency: 50 [Hz]

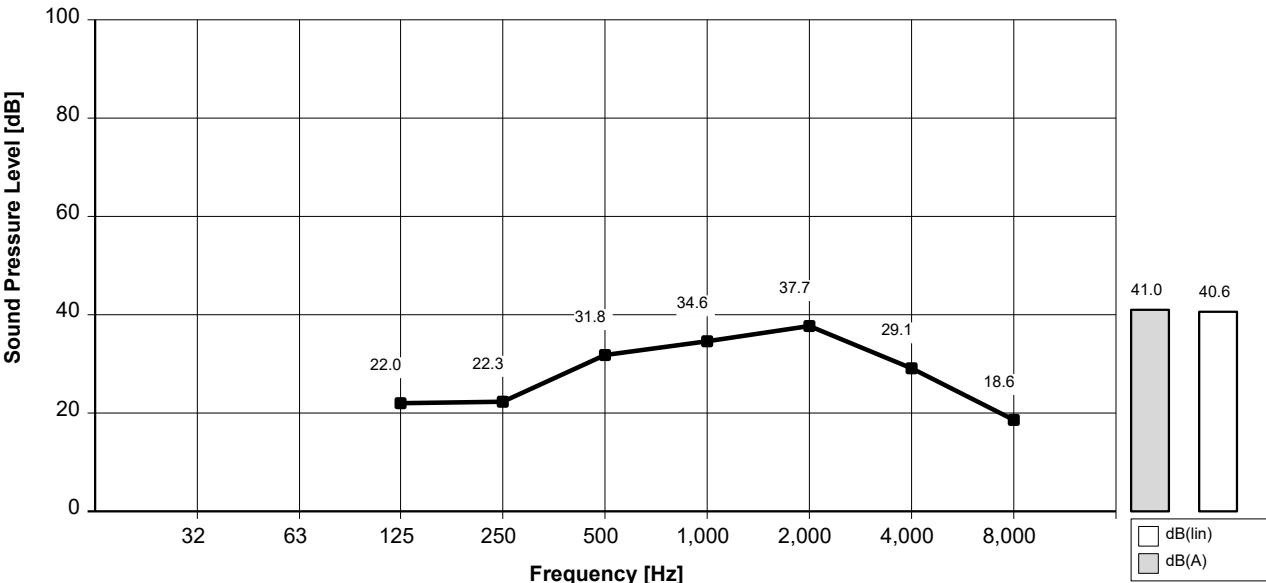
Remarks: The declared noise emission value, does not take production variations and measurement uncertainties into account. The declared value may therefore be up-to 3 dB higher, than the value for the average production unit.

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	34,1	34,3	43,8	46,7	49,7	41,1	30,7	53,0	52,6
Sound Pressure Average at 1m. re: 20 UPa	22,0	22,3	31,8	34,6	37,7	29,1	18,6	41,0	40,6

Sound Pressure calculated according to ISO/DIS 11203 method Q2



Initials: KIR

File no.: LY05124-02.12.2004

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

Motor type: MGE90LC

Product number: 86906142

Fan diameter: D128 [mm]

P2: 1.5 [kW]

U: 400 [V]

Pole: 4

Frequency: 50 [Hz]

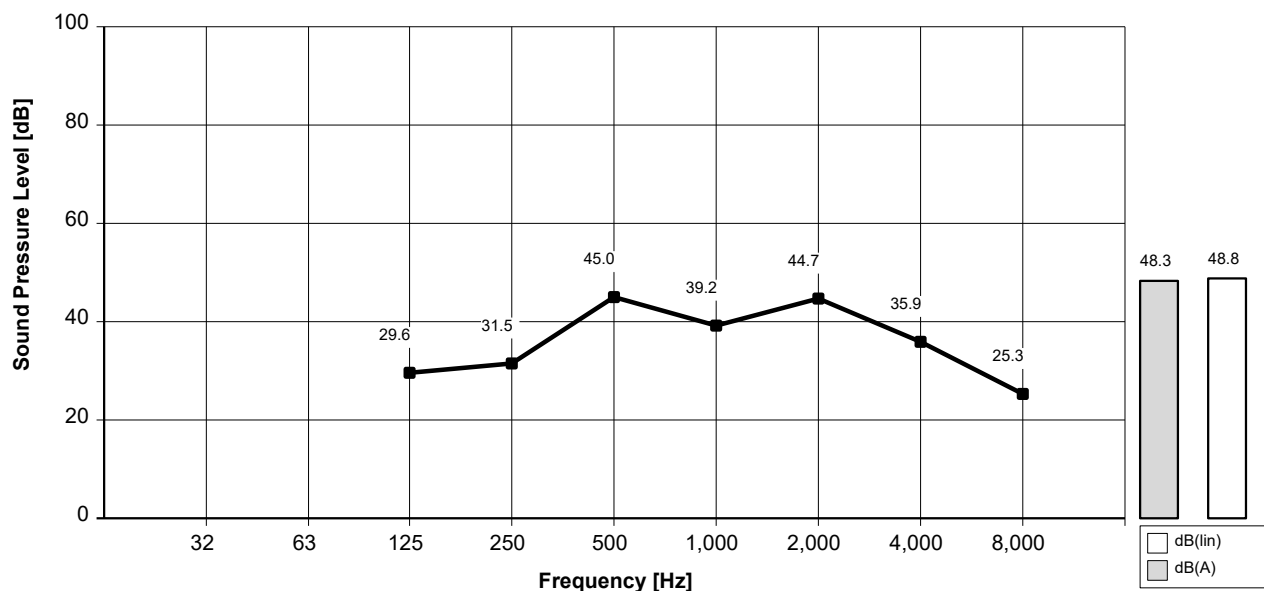
Remarks: The declared noise emission value, does not take production variations and measurement uncertainties into account. The declared value may therefore be up-to 3 dB higher, than the value for the average production unit.

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	41,6	43,5	57,0	51,3	56,8	47,9	37,3	60,4	60,8
Sound Pressure Average at 1m. re: 20 UPa	29,6	31,5	45,0	39,2	44,7	35,9	25,3	48,3	48,8

Sound Pressure calculated according to ISO/DIS 11203 method Q2



Initials: KIR

File no.: LY05123-02.12.2004

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

Motor type: MGE90LC

Product number: 86906142

Fan diameter: D128 [mm]

P2: 1.5 [kW]

U: 400 [V]

Pole: 4

Frequency: 50 [Hz]

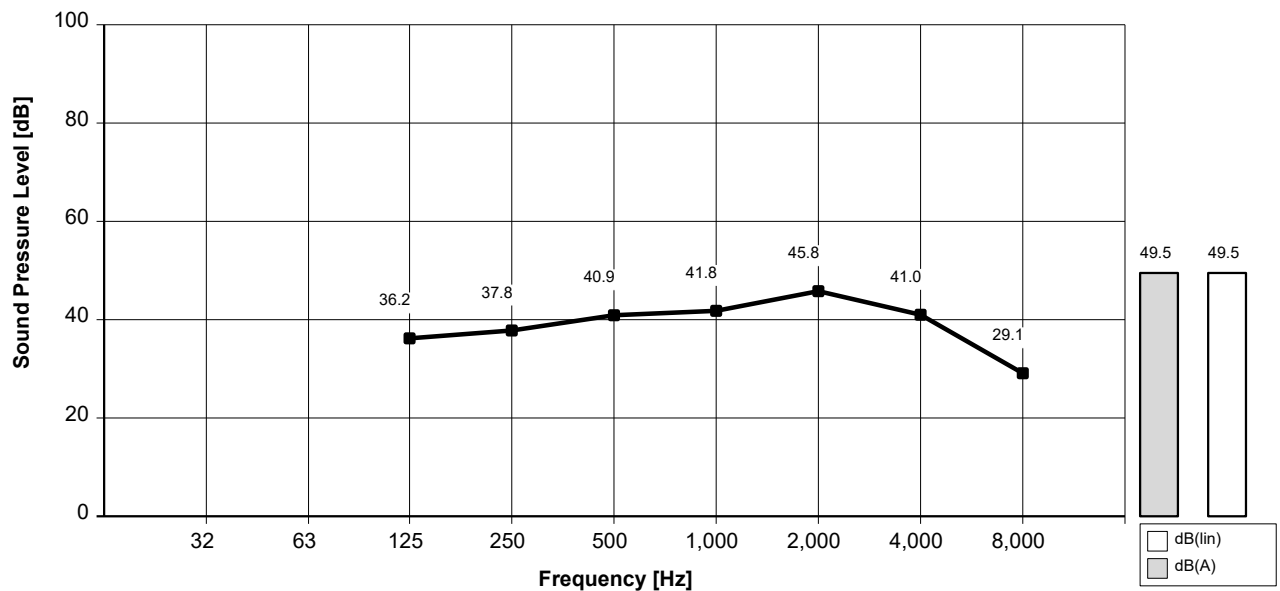
Remarks: The declared noise emission value, does not take production variations and measurement uncertainties into account. The declared value may therefore be up-to 3 dB higher, than the value for the average production unit.

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	48,2	49,8	52,9	53,9	57,9	53,0	41,1	61,5	61,6
Sound Pressure Average at 1m. re: 20 UPa	36,2	37,8	40,9	41,8	45,8	41,0	29,1	49,5	49,5

Sound Pressure calculated according to ISO/DIS 11203 method Q2



Initials: KIR

File no.: LY05122-02.12.2004

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

Motor type: MGE90LC

Product number: 86906142

Fan diameter: D128 [mm]

P2: 1.5 [kW]

U: 400 [V]

Pole: 4

Frequency: 50 [Hz]

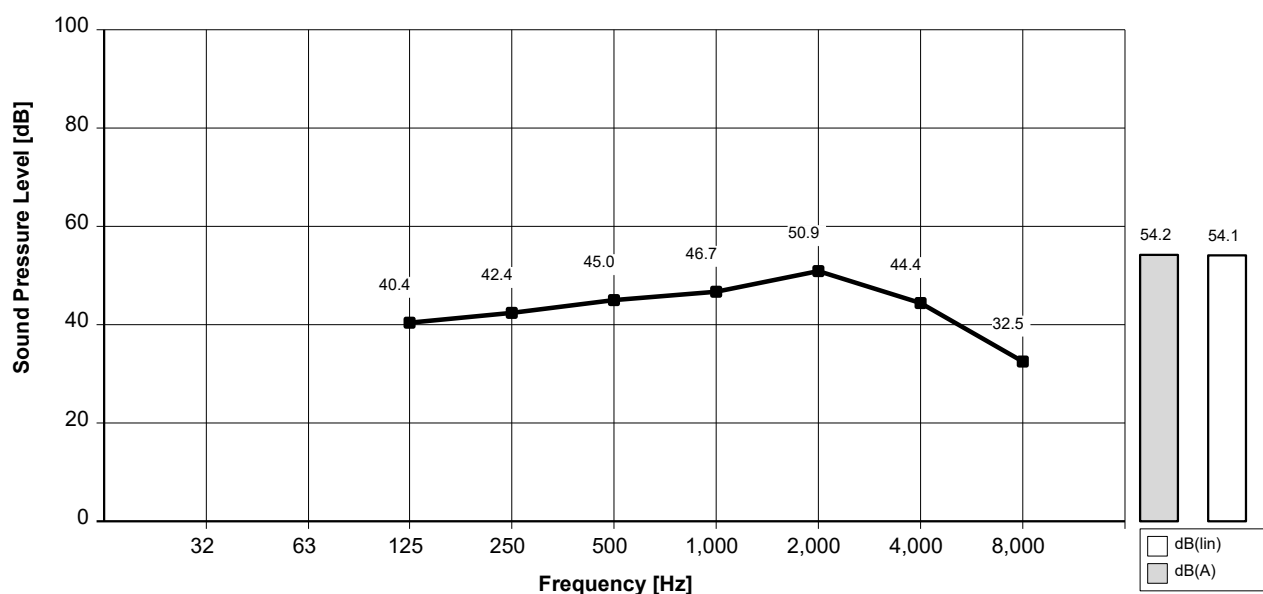
Remarks: The declared noise emission value, does not take production variations and measurement uncertainties into account. The declared value may therefore be up-to 3 dB higher, than the value for the average production unit.

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	52,4	54,4	57,0	58,7	62,9	56,5	44,5	66,2	66,2
Sound Pressure Average at 1m. re: 20 UPa	40,4	42,4	45,0	46,7	50,9	44,4	32,5	54,2	54,1

Sound Pressure calculated according to ISO/DIS 11203 method Q2



Initials: KIR

File no.: LY05121-02.12.2004