

85705810 MGE100LC 50 Hz

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

Motor type: MGE100LC Product number: 85705810 Fan diameter: D128 [mm]
P2: 3 [kW] U: 400 [V] Pole: 2 Frequency: 50 [Hz]

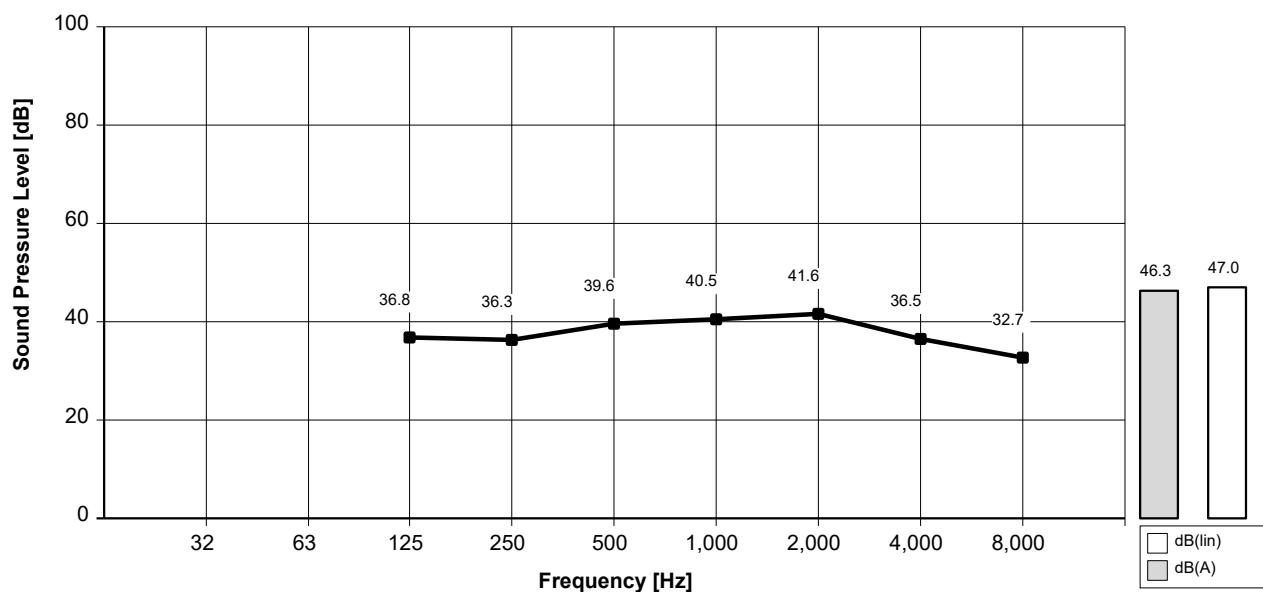
Remarks: The declared noise emission value, does not take production variations and measurement uncertainties into account. The declared value may therefore be up-to 3 dB higher, than the value for the average production unit.

Tested at: 1500 (idle) rpm

Octave Band Level [db]

Center Frequency	125	250	500	1000	2000	4000	8000	dB(A)	dB(lin)
Sound Power Level re: 1 pW	48,8	48,4	51,7	52,5	53,6	48,6	44,7	58,3	59,0
Sound Pressure Average at 1m. re: 20 UPa	36,8	36,3	39,6	40,5	41,6	36,5	32,7	46,3	47,0

Sound Pressure calculated according to ISO/DIS 11203 method Q2



Initials: KIR

File no.: LY05128-02.12.2004

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

Motor type: MGE100LC

Product number: 85705810

Fan diameter: D128 [mm]

P2: 3 [kW]

U: 400 [V]

Pole: 2

Frequency: 50 [Hz]

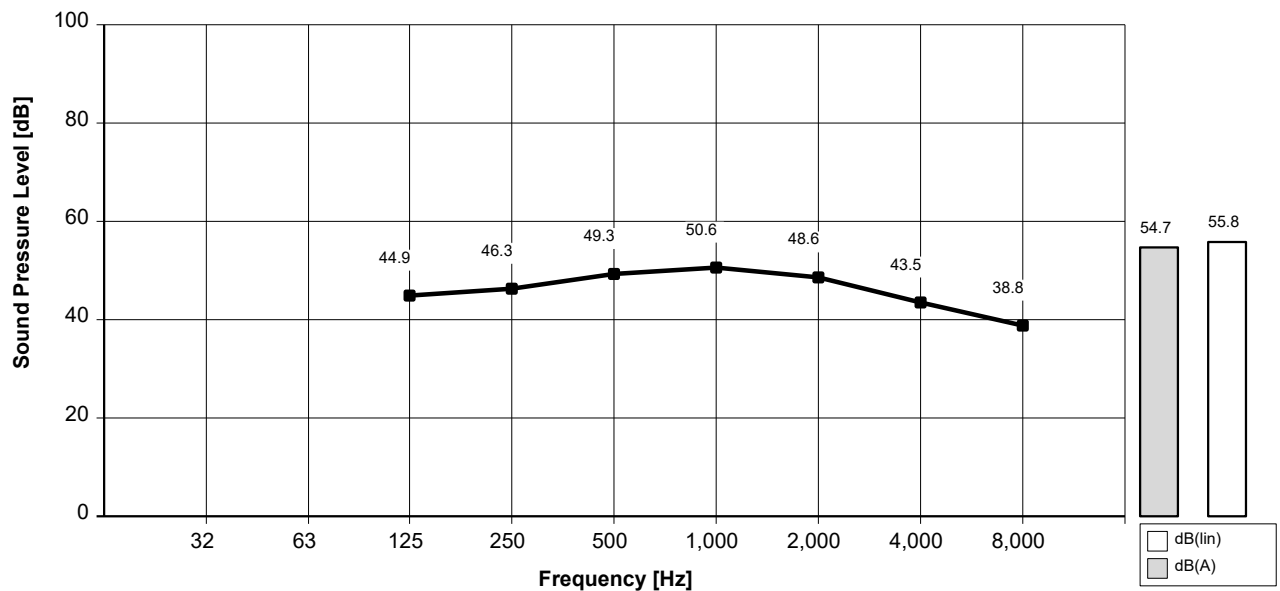
Remarks: The declared noise emission value, does not take production variations and measurement uncertainties into account. The declared value may therefore be up-to 3 dB higher, than the value for the average production unit.

Tested at: 2250 (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	57,0	58,4	61,3	62,7	60,7	55,5	50,8	66,7	67,8
Sound Pressure Average at 1m. re: 20 UPa	44,9	46,3	49,3	50,6	48,6	43,5	38,8	54,7	55,8

Sound Pressure calculated according to ISO/DIS 11203 method Q2



Initials: KIR

File no.: LY05127-02.12.2004

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

Motor type: MGE100LC

Product number: 85705810

Fan diameter: D128 [mm]

P2: 3 [kW]

U: 400 [V]

Pole: 2

Frequency: 50 [Hz]

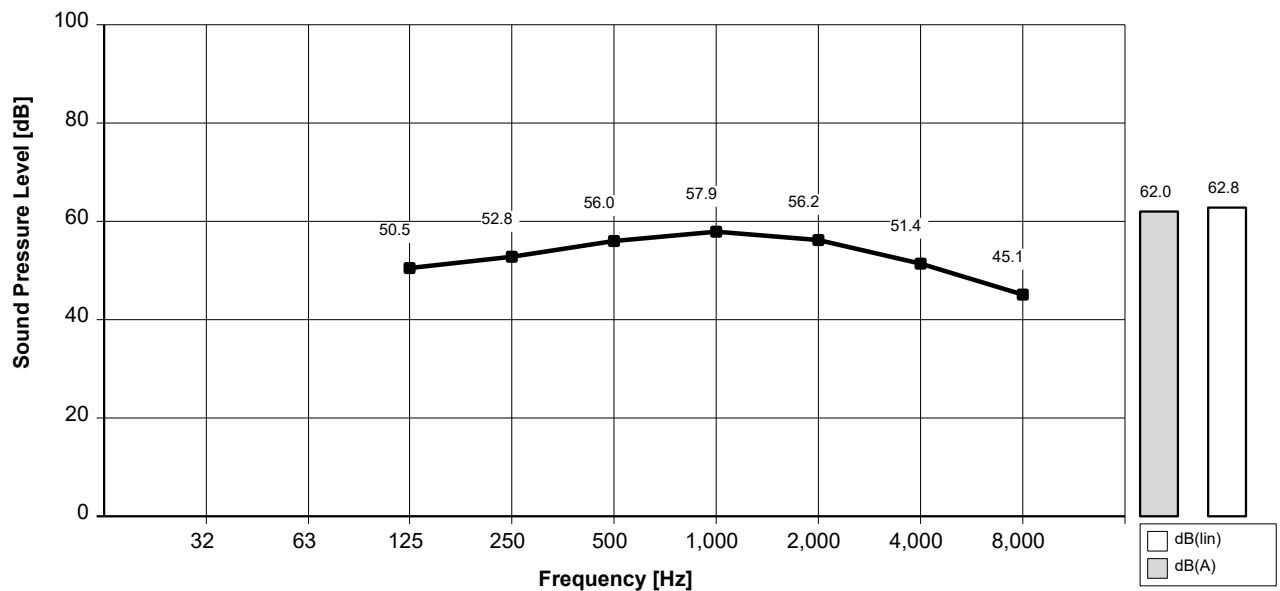
Remarks: The declared noise emission value, does not take production variations and measurement uncertainties into account. The declared value may therefore be up-to 3 dB higher, than the value for the average production unit.

Tested at: 3000 (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	62,5	64,9	68,1	69,9	68,2	63,4	57,1	74,0	74,8
Sound Pressure Average at 1m. re: 20 UPa	50,5	52,8	56,0	57,9	56,2	51,4	45,1	62,0	62,8

Sound Pressure calculated according to ISO/DIS 11203 method Q2



Initials: KIR

File no.: LY05126-02.12.2004

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

Motor type: MGE100LC

Product number: 85705810

Fan diameter: D128 [mm]

P2: 3 [kW]

U: 400 [V]

Pole: 2

Frequency: 50 [Hz]

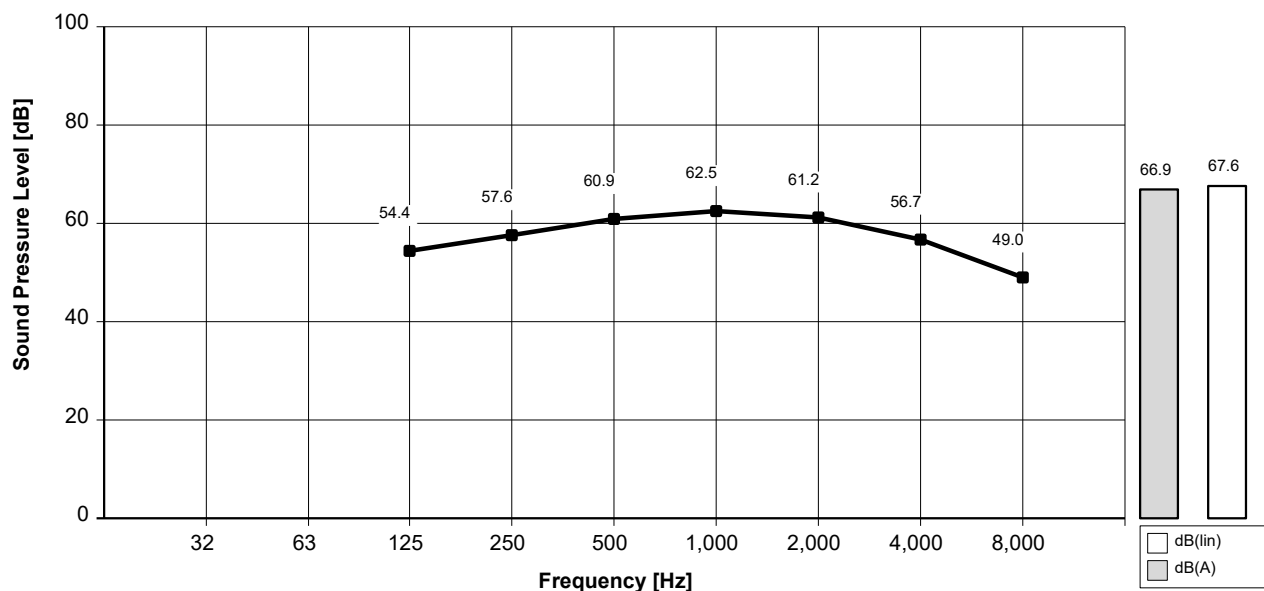
Remarks: The declared noise emission value, does not take production variations and measurement uncertainties into account. The declared value may therefore be up-to 3 dB higher, than the value for the average production unit.

Tested at: 3600 (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	66,5	69,6	73,0	74,6	73,2	68,7	61,0	78,9	79,6
Sound Pressure Average at 1m. re: 20 UPa	54,4	57,6	60,9	62,5	61,2	56,7	49,0	66,9	67,6

Sound Pressure calculated according to ISO/DIS 11203 method Q2



Initials: KIR

File no.: LY05125-02.12.2004