

85745808 MGE90LC 50 Hz

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

Motor type: MGE90LC Product number: 85745808 Fan diameter: D128 [mm]
P2: 2.2 [kW] U: 400 [V] Pole: 2 Frequency: 50 [Hz]

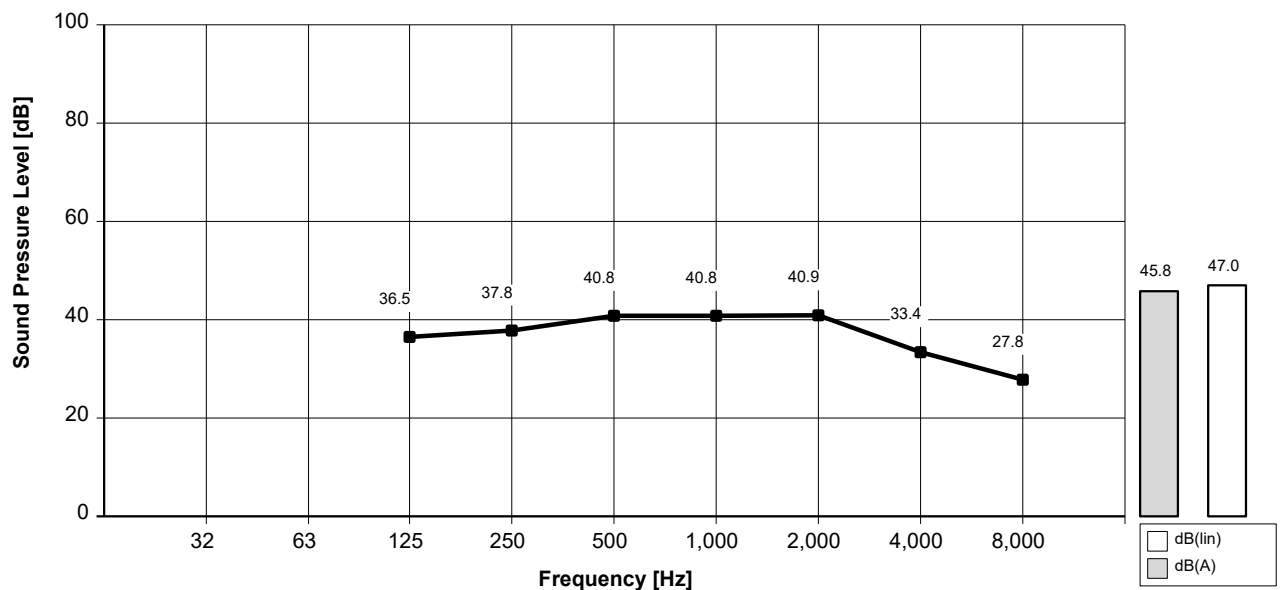
Remarks: The declared noise emission value, does not take production variations and measurement uncertainties into account. The declared value may therefore be up-to 3 dB higher, than the value for the average production unit.

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	48,6	49,8	52,8	52,9	52,9	45,4	39,8	57,8	59,0
Sound Pressure Average at 1m. re: 20 UPa	36,5	37,8	40,8	40,8	40,9	33,4	27,8	45,8	47,0

Sound Pressure calculated according to ISO/DIS 11203 method Q2



Initials: KIR

File no.: LY05136-02.12.2004

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

Motor type: MGE90LC

Product number: 85745808

Fan diameter: D128 [mm]

P2: 2.2 [kW]

U: 400 [V]

Pole: 2

Frequency: 50 [Hz]

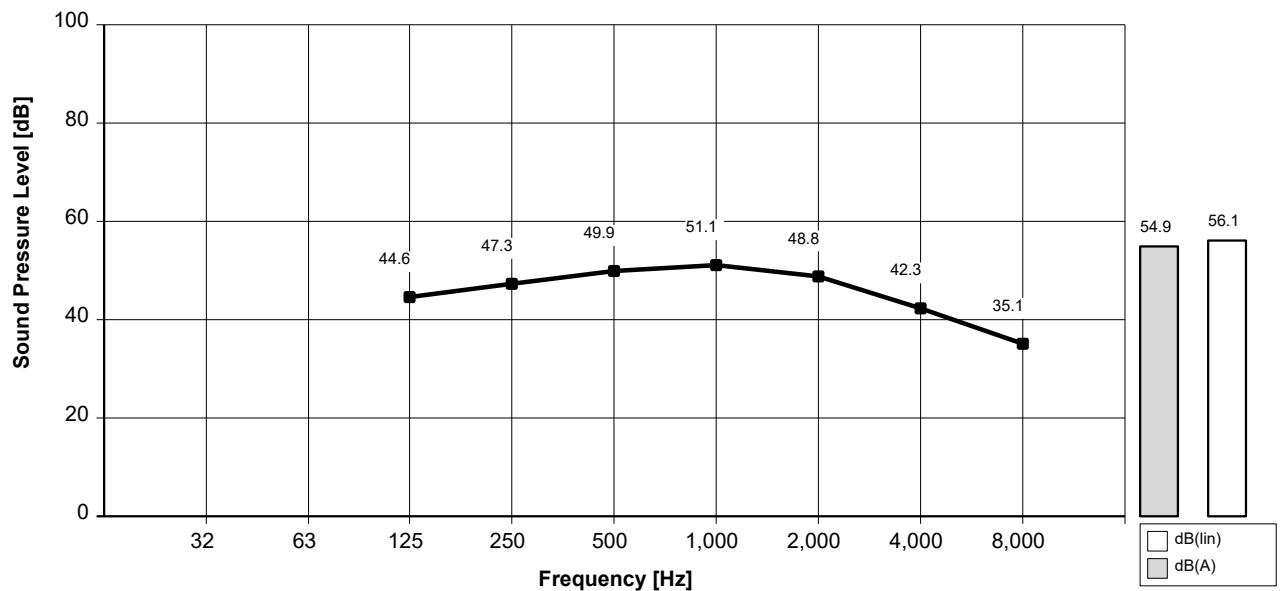
Remarks: The declared noise emission value, does not take production variations and measurement uncertainties into account. The declared value may therefore be up-to 3 dB higher, than the value for the average production unit.

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	56,6	59,3	61,9	63,1	60,8	54,3	47,2	66,9	68,1
Sound Pressure Average at 1m. re: 20 UPa	44,6	47,3	49,9	51,1	48,8	42,3	35,1	54,9	56,1

Sound Pressure calculated according to ISO/DIS 11203 method Q2



Initials: KIR

File no.: LY05135-02.12.2004

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

Motor type: MGE90LC

Product number: 85745808

Fan diameter: D128 [mm]

P2: 2.2 [kW]

U: 400 [V]

Pole: 2

Frequency: 50 [Hz]

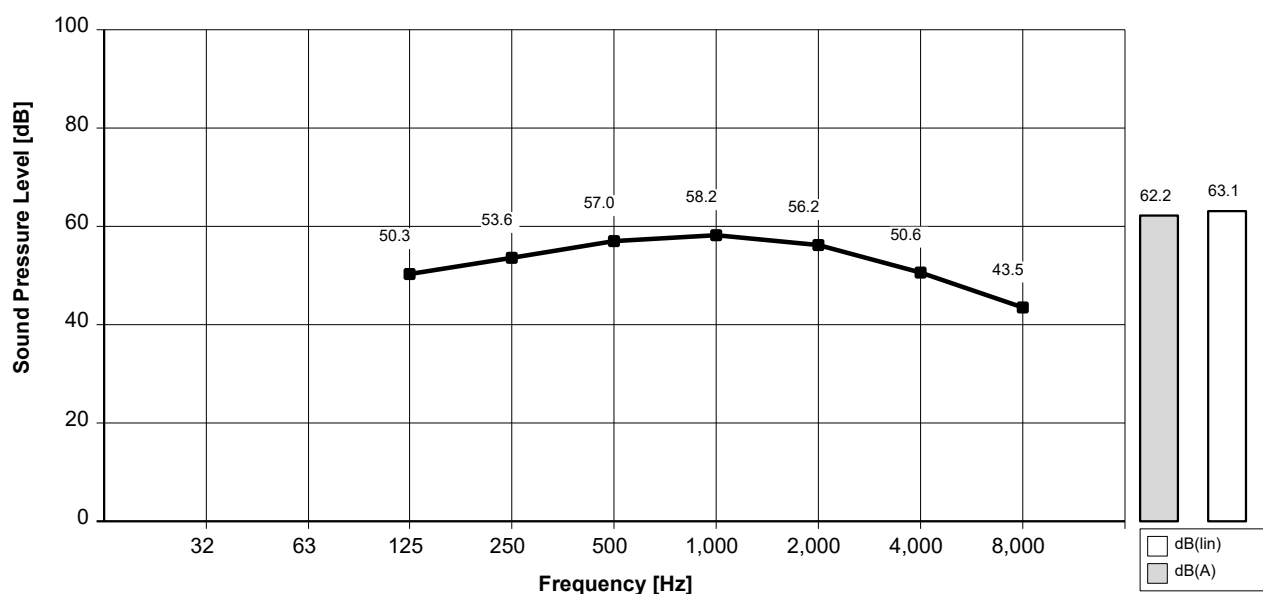
Remarks: The declared noise emission value, does not take production variations and measurement uncertainties into account. The declared value may therefore be up-to 3 dB higher, than the value for the average production unit.

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	62,3	65,6	69,0	70,3	68,2	62,6	55,5	74,2	75,1
Sound Pressure Average at 1m. re: 20 UPa	50,3	53,6	57,0	58,2	56,2	50,6	43,5	62,2	63,1

Sound Pressure calculated according to ISO/DIS 11203 method Q2



Initials: KIR

File no.: LY05134-02.12.2004

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

Motor type: MGE90LC

Product number: 85745808

Fan diameter: D128 [mm]

P2: 2.2 [kW]

U: 400 [V]

Pole: 2

Frequency: 50 [Hz]

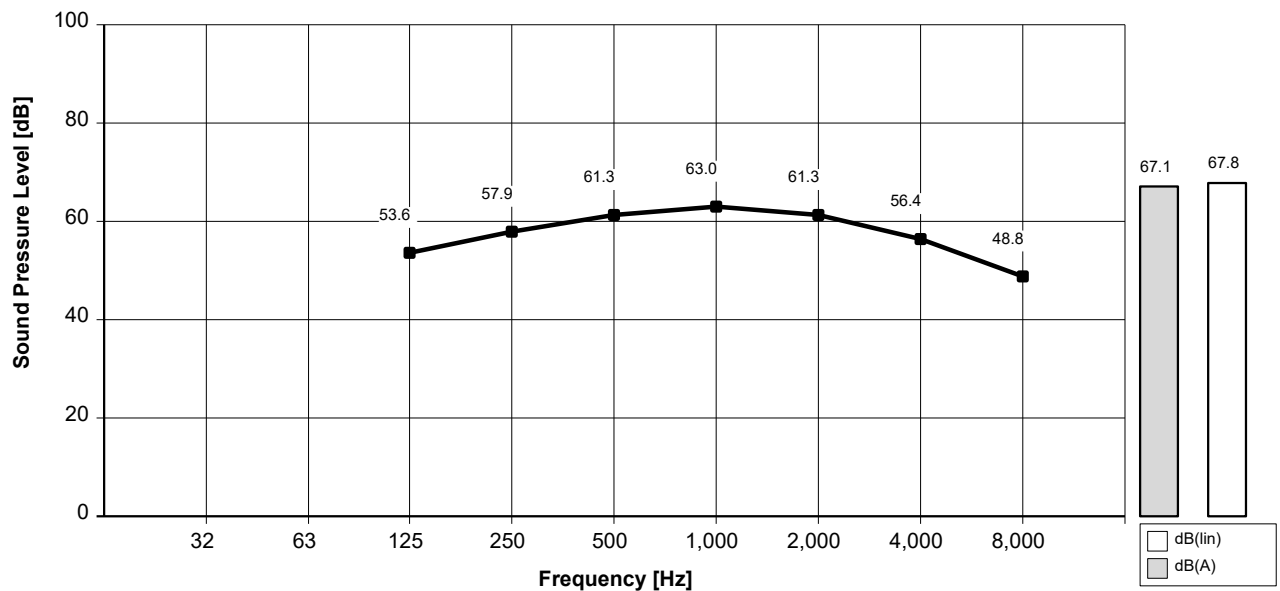
Remarks: The declared noise emission value, does not take production variations and measurement uncertainties into account. The declared value may therefore be up-to 3 dB higher, than the value for the average production unit.

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	65,6	69,9	73,3	75,0	73,3	68,4	60,8	79,1	79,8
Sound Pressure Average at 1m. re: 20 UPa	53,6	57,9	61,3	63,0	61,3	56,4	48,8	67,1	67,8

Sound Pressure calculated according to ISO/DIS 11203 method Q2



Initials: KIR

File no.: LY05133-02.12.2004