

85900905 MGE112MC 50 Hz

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

Motor type: MGE112MC Product number: 85900905 Fan diameter: D158 [mm]
P2: 4 [kW] U: 400 [V] Pole: 2 Frequency: 50 [Hz]

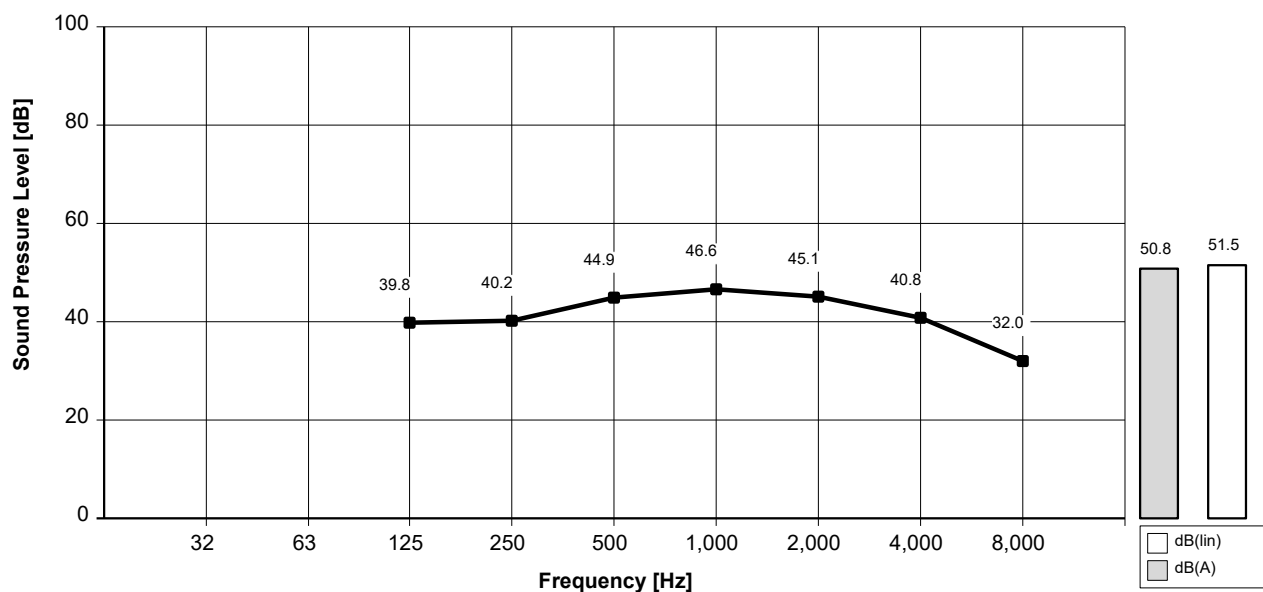
Remarks: The declared noise emission value, does not take production variations and measurement uncertainties into account. The declared value may therefore be up-to 3 dB higher, than the value for the average production unit.

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	52,1	52,5	57,2	58,8	57,4	53,1	44,3	63,1	63,8
Sound Pressure Average at 1m. re: 20 UPa	39,8	40,2	44,9	46,6	45,1	40,8	32,0	50,8	51,5

Sound Pressure calculated according to ISO/DIS 11203 method Q2



Initials: KIR

File no.: LY05152-03.12.2004

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

Motor type: MGE112MC

Product number: 85900905

Fan diameter: D158 [mm]

P2: 4 [kW]

U: 400 [V]

Pole: 2

Frequency: 50 [Hz]

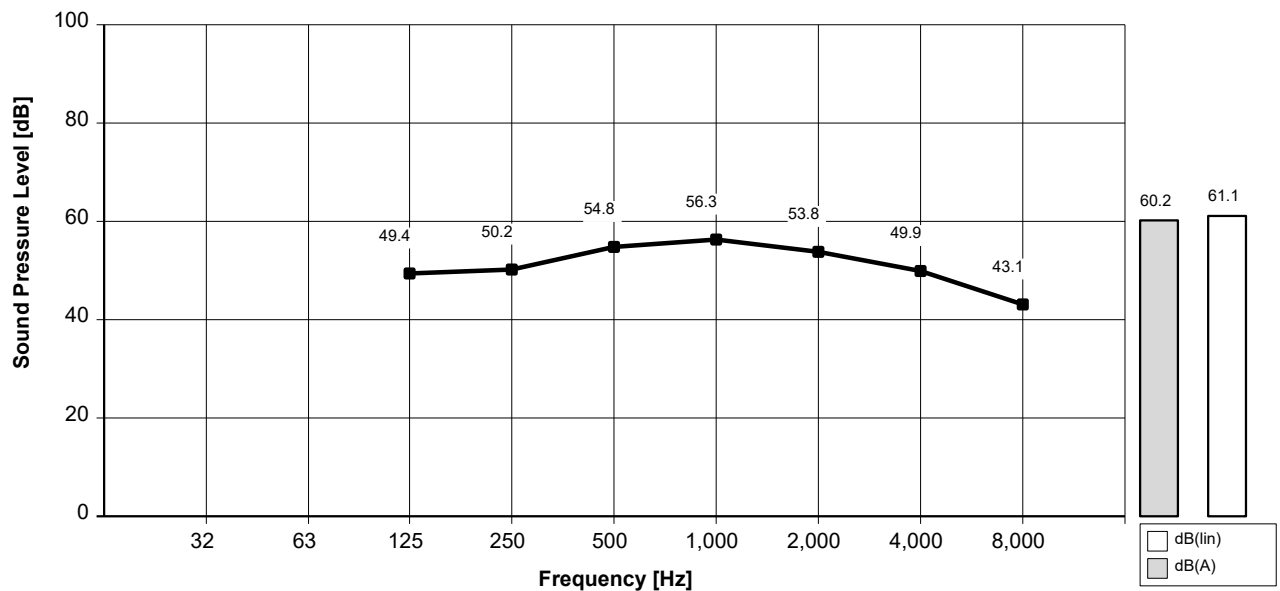
Remarks: The declared noise emission value, does not take production variations and measurement uncertainties into account. The declared value may therefore be up-to 3 dB higher, than the value for the average production unit.

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	61,7	62,5	67,1	68,6	66,1	62,2	55,4	72,5	73,3
Sound Pressure Average at 1m. re: 20 UPa	49,4	50,2	54,8	56,3	53,8	49,9	43,1	60,2	61,1

Sound Pressure calculated according to ISO/DIS 11203 method Q2



Initials: KIR

File no.: LY05151-03.12.2004

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

Motor type: MGE112MC

Product number: 85900905

Fan diameter: D158 [mm]

P2: 4 [kW]

U: 400 [V]

Pole: 2

Frequency: 50 [Hz]

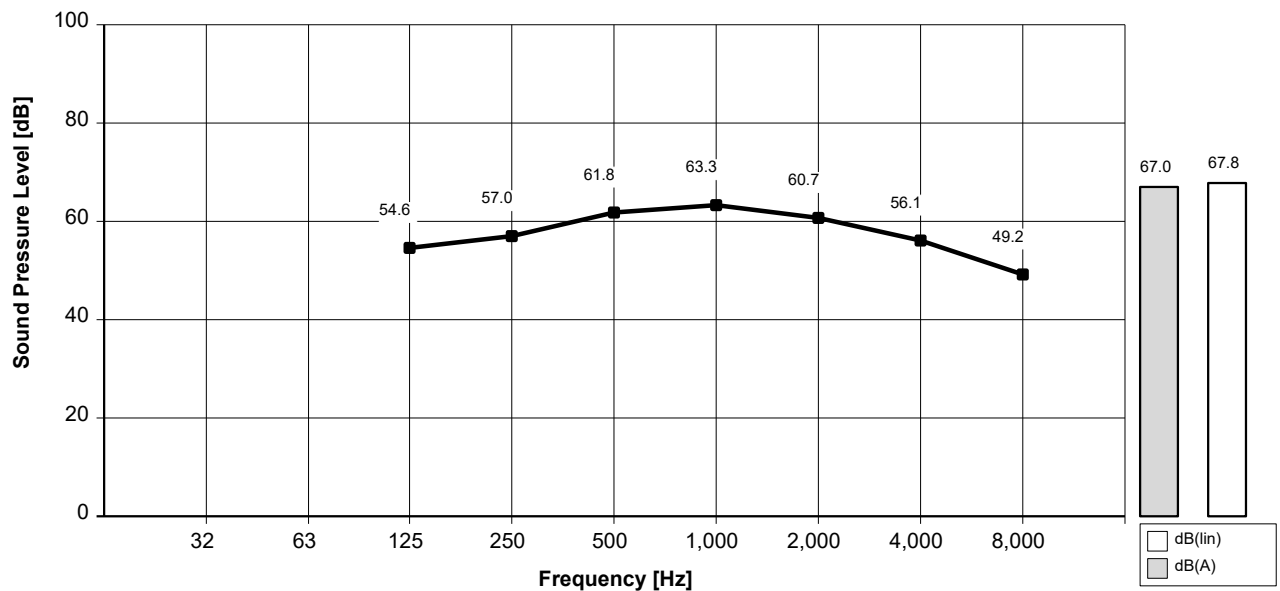
Remarks: The declared noise emission value, does not take production variations and measurement uncertainties into account. The declared value may therefore be up-to 3 dB higher, than the value for the average production unit.

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	66,8	69,3	74,1	75,5	73,0	68,3	61,5	79,3	80,1
Sound Pressure Average at 1m. re: 20 UPa	54,6	57,0	61,8	63,3	60,7	56,1	49,2	67,0	67,8

Sound Pressure calculated according to ISO/DIS 11203 method Q2



Initials: KIR

File no.: LY05150-03.12.2004

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

Motor type: MGE112MC

Product number: 85900905

Fan diameter: D158 [mm]

P2: 4 [kW]

U: 400 [V]

Pole: 2

Frequency: 50 [Hz]

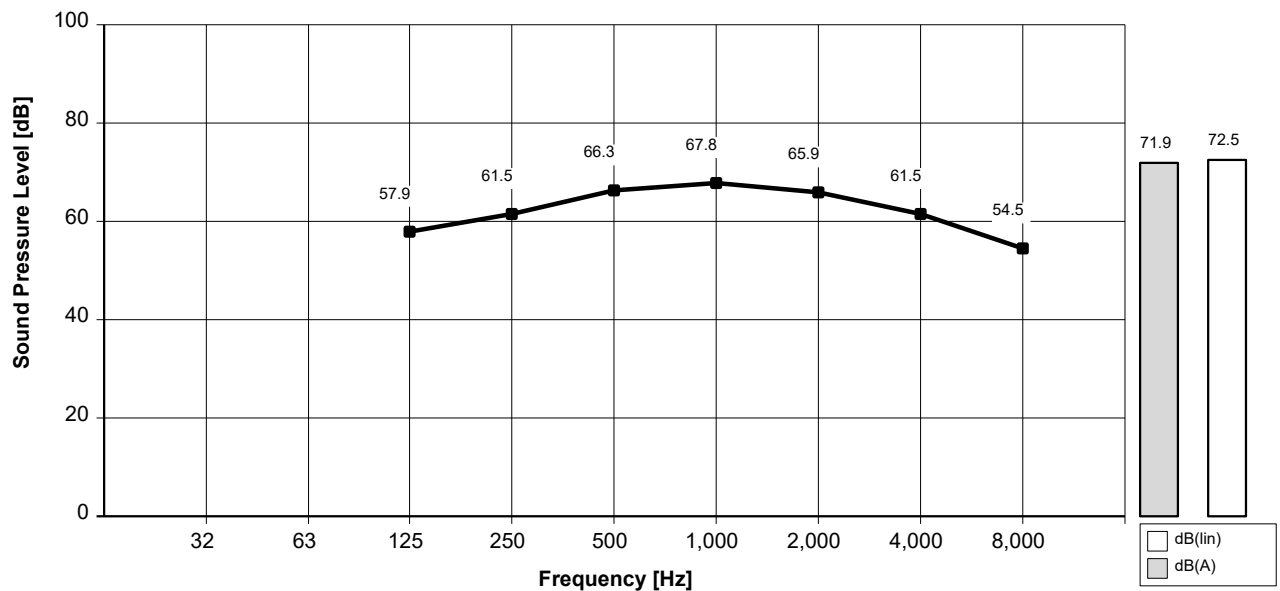
Remarks: The declared noise emission value, does not take production variations and measurement uncertainties into account. The declared value may therefore be up-to 3 dB higher, than the value for the average production unit.

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	70,2	73,8	78,5	80,1	78,2	73,8	66,8	84,2	84,8
Sound Pressure Average at 1m. re: 20 UPa	57,9	61,5	66,3	67,8	65,9	61,5	54,5	71,9	72,5

Sound Pressure calculated according to ISO/DIS 11203 method Q2



Initials: KIR

File no.: LY05149-03.12.2004