

86901016 MGE160MB 50 Hz

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

Motor type: MGE160MB Product number: 86901016 Fan diameter: D270 [mm]
P2: 11 [kW] U: 400 [V] Pole: 4 Frequency: 50 [Hz]

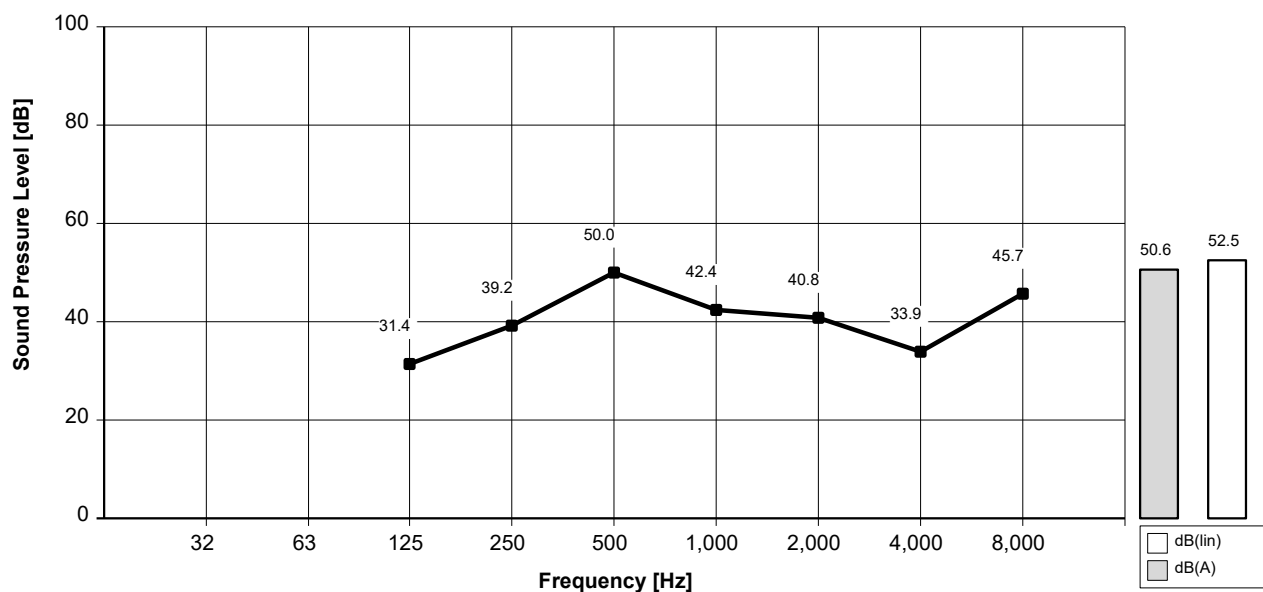
Remarks: The declared noise emission value, does not take production variations and measurement uncertainties into account. The declared value may therefore be up-to 3 dB higher, than the value for the average production unit.

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	44,5	52,2	63,1	55,5	53,9	47,0	58,7	63,6	65,6
Sound Pressure Average at 1m. re: 20 UPa	31,4	39,2	50,0	42,4	40,8	33,9	45,7	50,6	52,5

Sound Pressure calculated according to ISO/DIS 11203 method Q2



Initials: KIR

File no.: LY 02.06.2008

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

Motor type: MGE160MB

Product number: 86901016

Fan diameter: D270 [mm]

P2: 11 [kW]

U: 400 [V]

Pole: 4

Frequency: 50 [Hz]

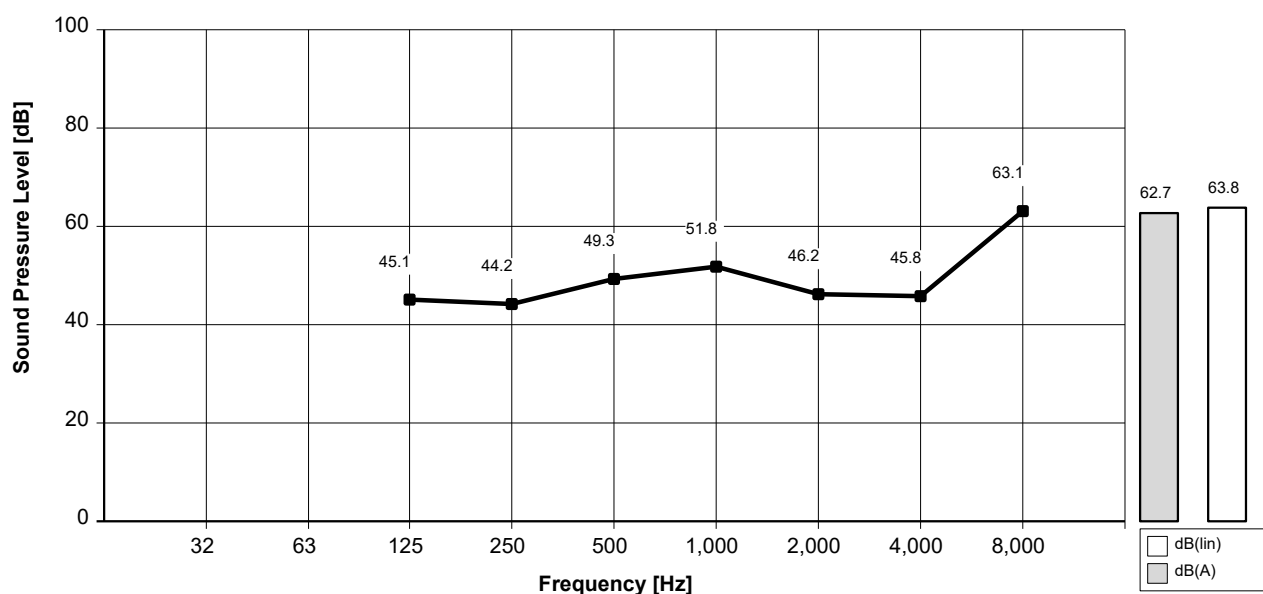
Remarks: The declared noise emission value, does not take production variations and measurement uncertainties into account. The declared value may therefore be up-to 3 dB higher, than the value for the average production unit.

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	58,2	57,3	62,3	64,8	59,2	58,9	76,1	75,8	76,9
Sound Pressure Average at 1m. re: 20 UPa	45,1	44,2	49,3	51,8	46,2	45,8	63,1	62,7	63,8

Sound Pressure calculated according to ISO/DIS 11203 method Q2



Initials: KIR

File no.: LY 29.09.2008

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

Motor type: MGE160MB	Product number: 86901016	Fan diameter: D270 [mm]
P2: 11 [kW]	U: 400 [V]	Pole: 4
		Frequency: 50 [Hz]

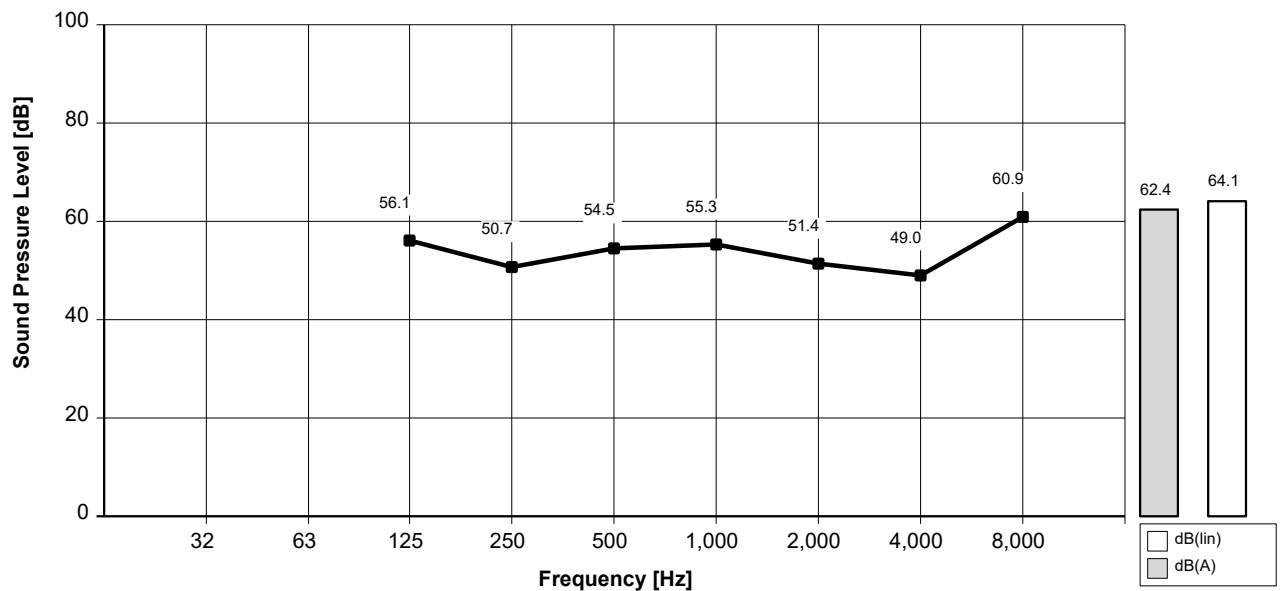
Remarks: The declared noise emission value, does not take production variations and measurement uncertainties into account. The declared value may therefore be up-to 3 dB higher, than the value for the average production unit.

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	69,1	63,7	67,5	68,3	64,4	62,1	74,0	75,4	77,2
Sound Pressure Average at 1m. re: 20 UPa	56,1	50,7	54,5	55,3	51,4	49,0	60,9	62,4	64,1

Sound Pressure calculated according to ISO/DIS 11203 method Q2



Initials: KIR

File no.: LY 29.09.2008

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

Motor type: MGE160MB

Product number: 86901016

Fan diameter: D270 [mm]

P2: 11 [kW]

U: 400 [V]

Pole: 4

Frequency: 50 [Hz]

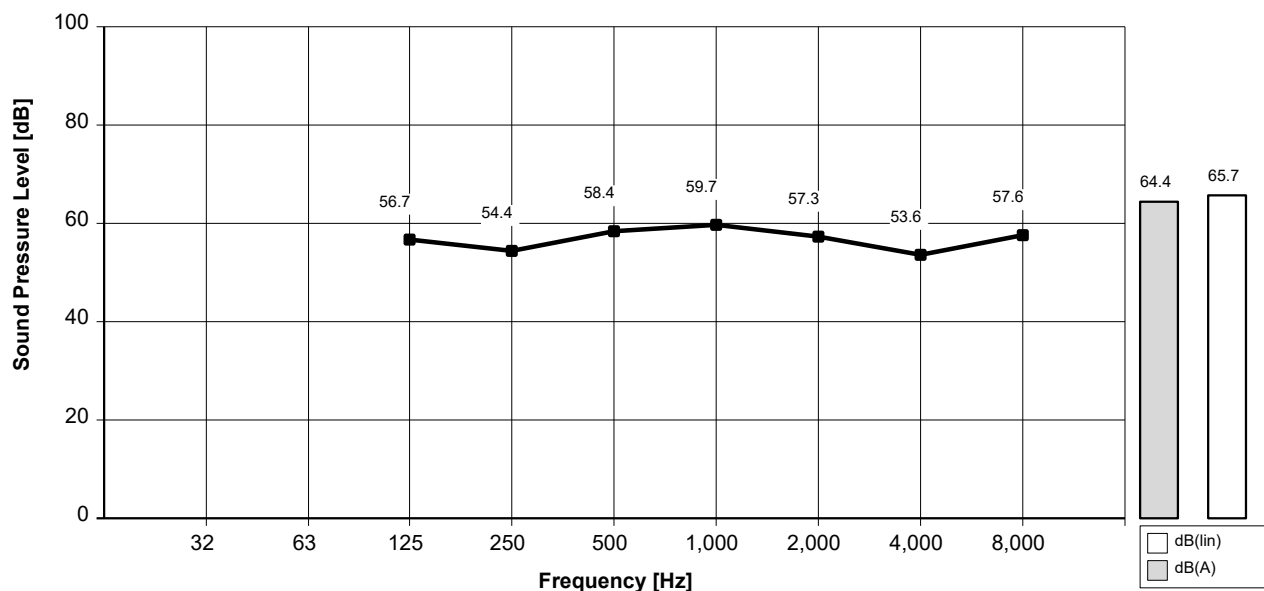
Remarks: The declared noise emission value, does not take production variations and measurement uncertainties into account. The declared value may therefore be up-to 3 dB higher, than the value for the average production unit.

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	69,8	67,5	71,4	72,7	70,4	66,7	70,7	77,5	78,8
Sound Pressure Average at 1m. re: 20 UPa	56,7	54,4	58,4	59,7	57,3	53,6	57,6	64,4	65,7

Sound Pressure calculated according to ISO/DIS 11203 method Q2



Initials: KIR

File no.: LY 29.09.2008