

86906133 MGE90SA 60 Hz

Sound Measurement Report			
Sound Power measurement according to DS/ISO-3743			
Motor type: MGE90SA	Product number: 86906133	Fan diameter: D128 [mm]	
P2: 1 [HP]	U: 400 [V]	Pole: 4	Frequency: 50 [Hz]

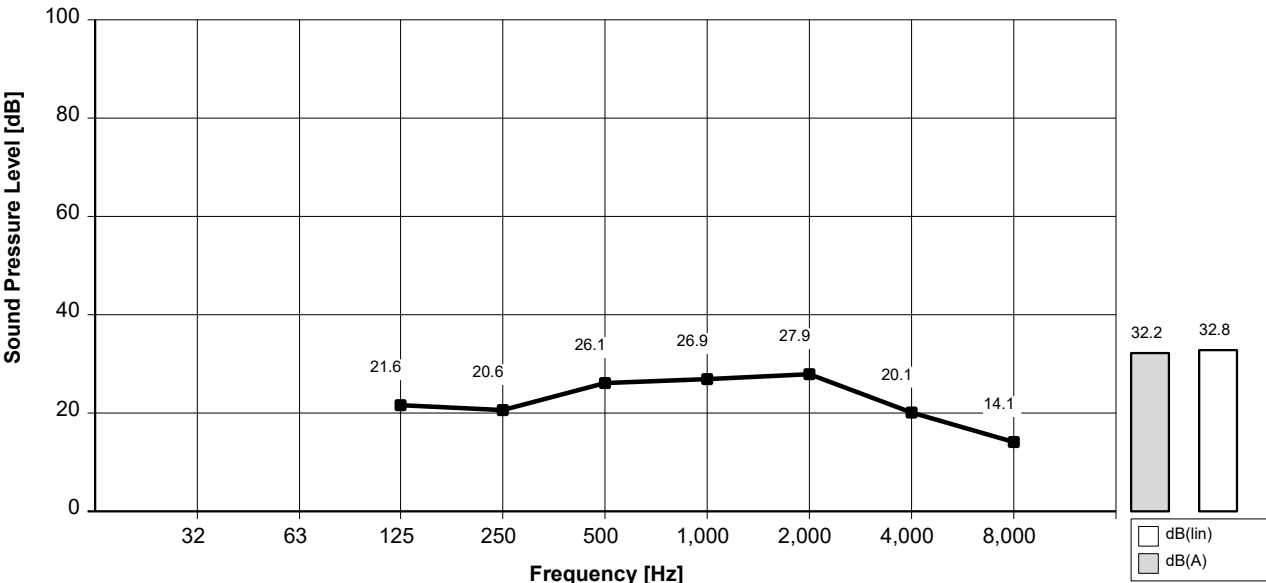
Remarks: The declared noise emission value, does not take production variations and measurement uncertainties into account. The declared value may therefore be up-to 3 dB higher, than the value for the average production unit.

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	33,5	32,6	38,1	38,8	39,8	32,0	26,0	44,2	44,7
Sound Pressure Average at 1m. re: 20 UPa	21,6	20,6	26,1	26,9	27,9	20,1	14,1	32,2	32,8

Sound Pressure calculated according to ISO/DIS 11203 method Q2



Initials: KIR File no.: LY05132-02.12.2004

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

Motor type: MGE90SA

Product number: 86906133

Fan diameter: D128 [mm]

P2: 1 [HP]

U: 400 [V]

Pole: 4

Frequency: 50 [Hz]

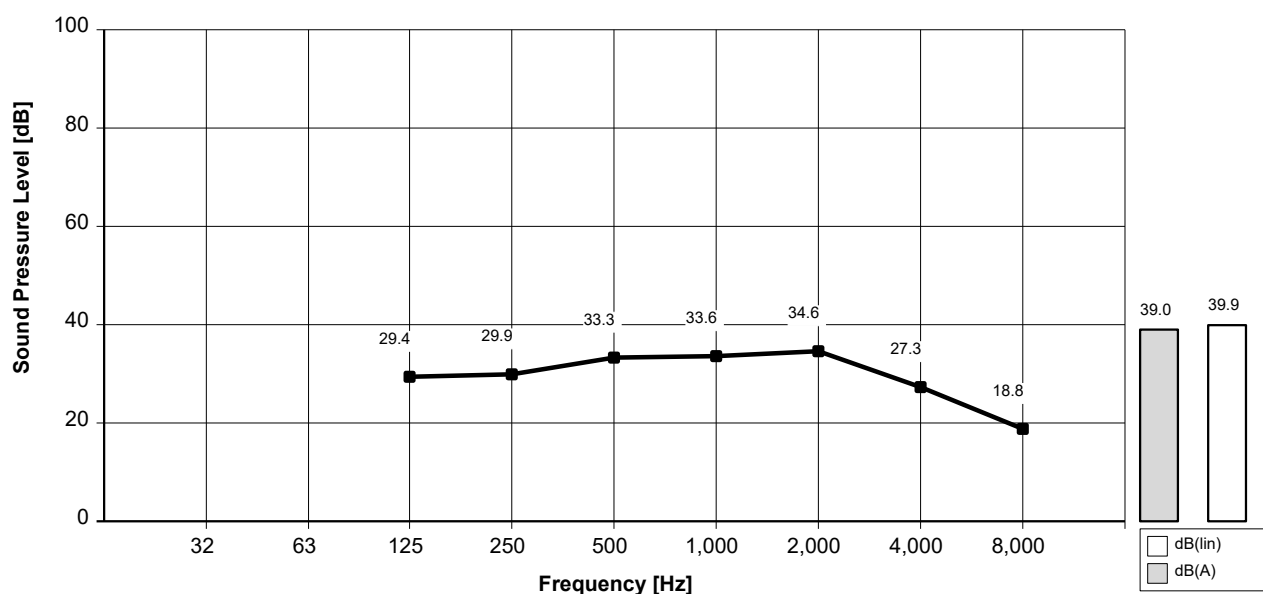
Remarks: The declared noise emission value, does not take production variations and measurement uncertainties into account. The declared value may therefore be up-to 3 dB higher, than the value for the average production unit.

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	41,4	41,9	45,2	45,6	46,6	39,3	30,7	51,0	51,9
Sound Pressure Average at 1m. re: 20 UPa	29,4	29,9	33,3	33,6	34,6	27,3	18,8	39,0	39,9

Sound Pressure calculated according to ISO/DIS 11203 method Q2



Initials: KIR

File no.: LY05131-02.12.2004

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

Motor type: MGE90SA

Product number: 86906133

Fan diameter: D128 [mm]

P2: 1 [HP]

U: 400 [V]

Pole: 4

Frequency: 50 [Hz]

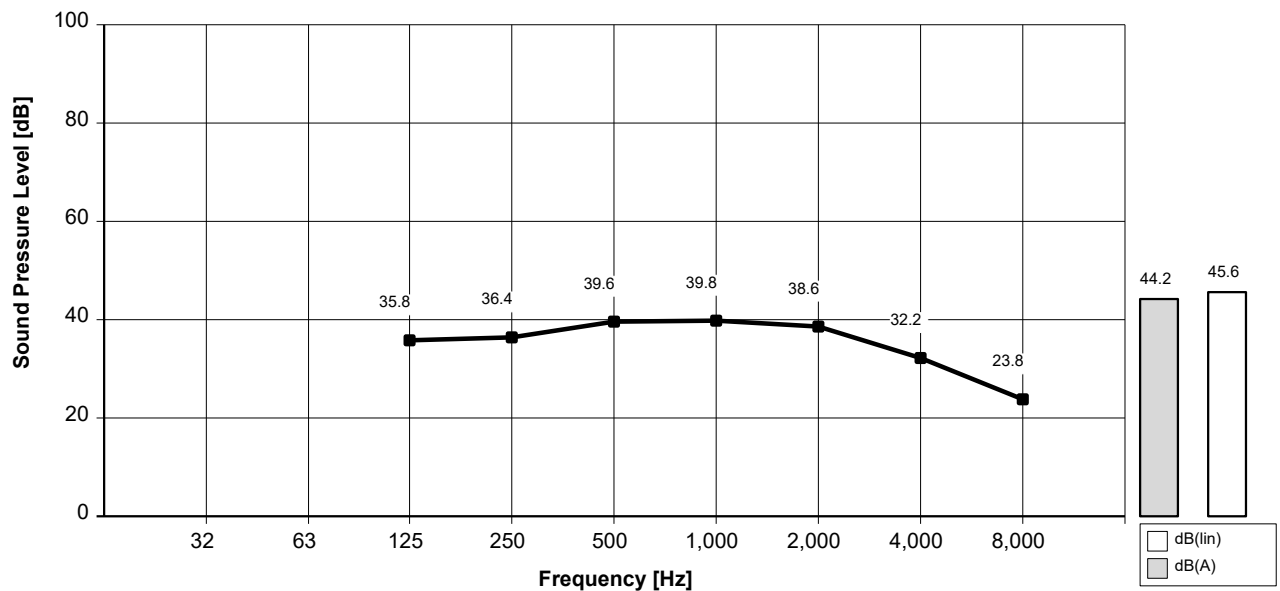
Remarks: The declared noise emission value, does not take production variations and measurement uncertainties into account. The declared value may therefore be up-to 3 dB higher, than the value for the average production unit.

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	47,7	48,4	51,6	51,8	50,6	44,2	35,8	56,2	57,5
Sound Pressure Average at 1m. re: 20 UPa	35,8	36,4	39,6	39,8	38,6	32,2	23,8	44,2	45,6

Sound Pressure calculated according to ISO/DIS 11203 method Q2



Initials: KIR

File no.: LY05130-02.12.2004

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

Motor type: MGE90SA

Product number: 86906133

Fan diameter: D128 [mm]

P2: 1 [HP]

U: 400 [V]

Pole: 4

Frequency: 50 [Hz]

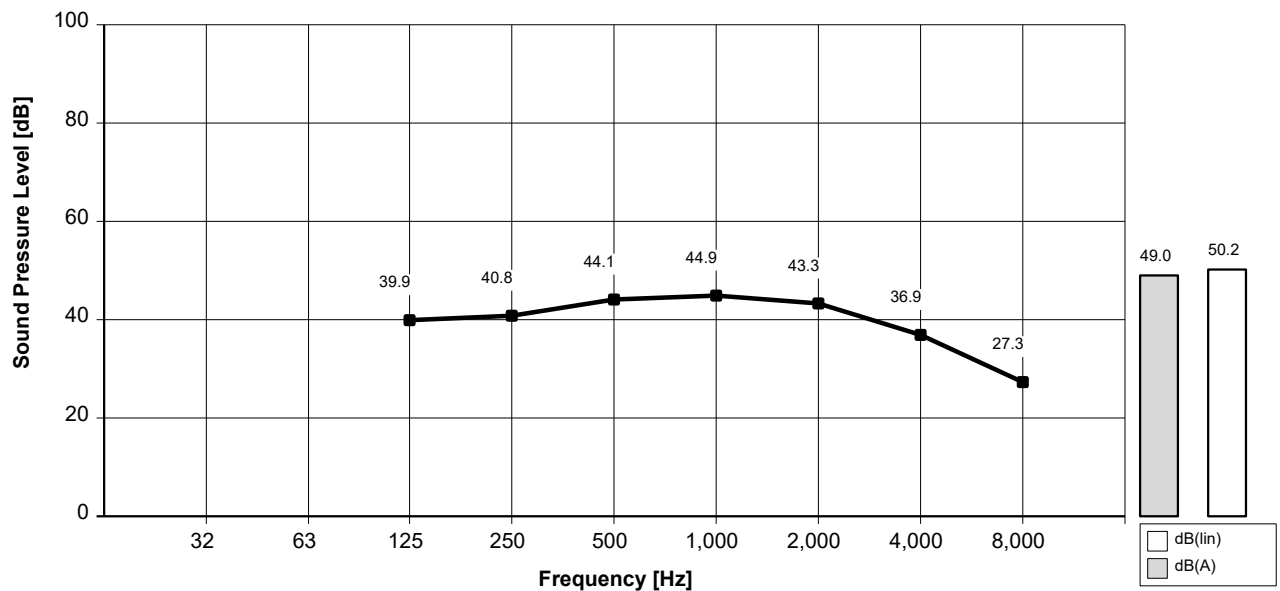
Remarks: The declared noise emission value, does not take production variations and measurement uncertainties into account. The declared value may therefore be up-to 3 dB higher, than the value for the average production unit.

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	51,9	52,8	56,1	56,8	55,3	48,8	39,2	61,0	62,2
Sound Pressure Average at 1m. re: 20 UPa	39,9	40,8	44,1	44,9	43,3	36,9	27,3	49,0	50,2

Sound Pressure calculated according to ISO/DIS 11203 method Q2



Initials: KIR

File no.: LY05129-02.12.2004