

85705805 MGE90SA 50 Hz

Sound Measurement Report			
Sound Power measurement according to DS/ISO-3743			
Motor type: MGE90SA	Product number: 85705805	Fan diameter: D108 [mm]	
P2: 1.1 [kW]	U: 400 [V]	Pole: 2	Frequency: 50 [Hz]

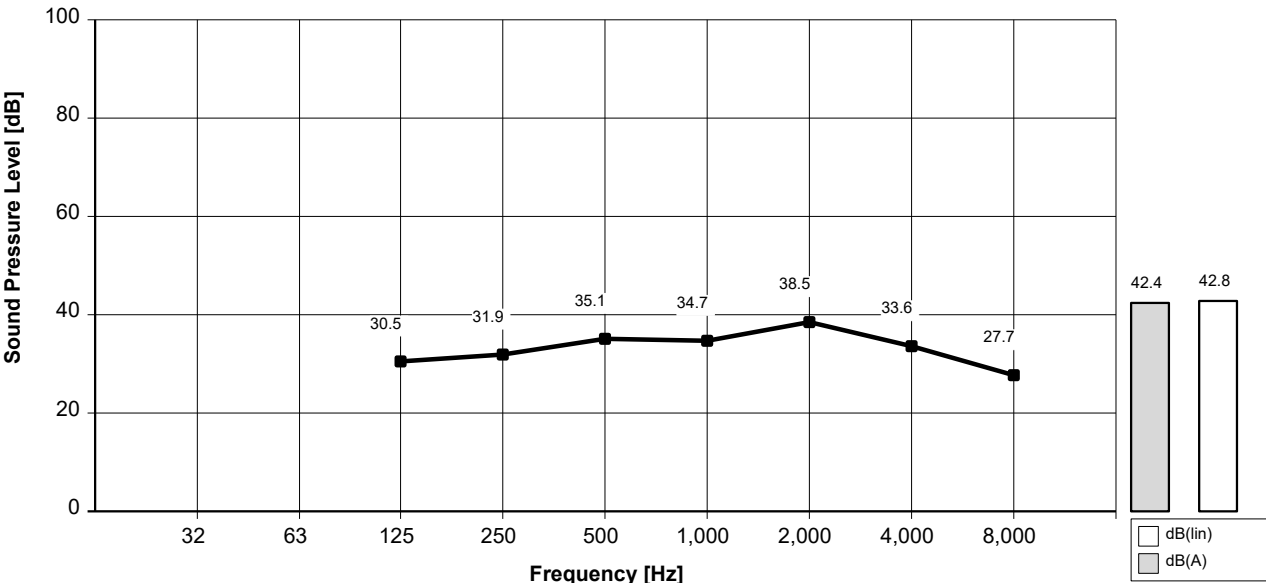
Remarks: The declared noise emission value, does not take production variations and measurement uncertainties into account. The declared value may therefore be up-to 3 dB higher, than the value for the average production unit.

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	43,5	43,8	47,1	46,7	50,4	45,6	39,7	54,4	54,8
Sound Pressure Average at 1m. re: 20 UPa	30,5	31,9	35,1	34,7	38,5	33,6	27,7	42,4	42,8

Sound Pressure calculated according to ISO/DIS 11203 method Q2



Initials: KIR

File no.: LY05120-02.02.2004

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

Motor type: MGE90SA

Product number: 85705805

Fan diameter: D108 [mm]

P2: 1.1 [kW]

U: 400 [V]

Pole: 2

Frequency: 50 [Hz]

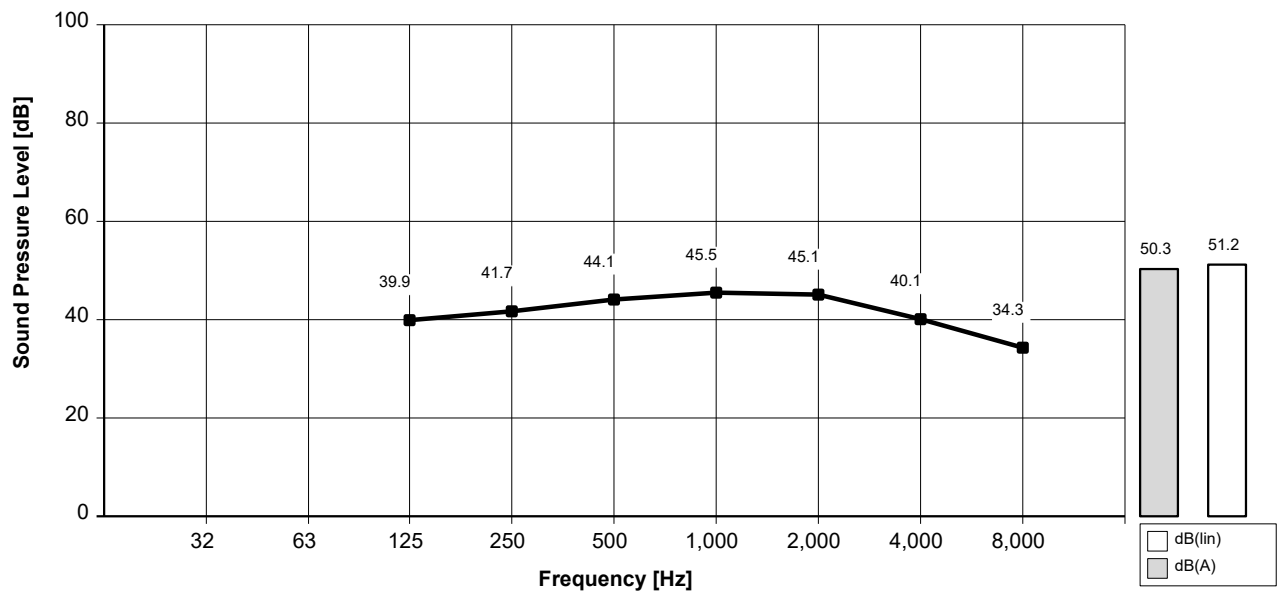
Remarks: The declared noise emission value, does not take production variations and measurement uncertainties into account. The declared value may therefore be up-to 3 dB higher, than the value for the average production unit.

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	51,9	53,7	56,1	57,5	57,0	52,1	46,2	62,3	63,1
Sound Pressure Average at 1m. re: 20 UPa	39,9	41,7	44,1	45,5	45,1	40,1	34,3	50,3	51,2

Sound Pressure calculated according to ISO/DIS 11203 method Q2



Initials: KIR

File no.: LY05119-02.12.2004

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

Motor type: MGE90SA

Product number: 85705805

Fan diameter: D108 [mm]

P2: 1.1 [kW]

U: 400 [V]

Pole: 2

Frequency: 50 [Hz]

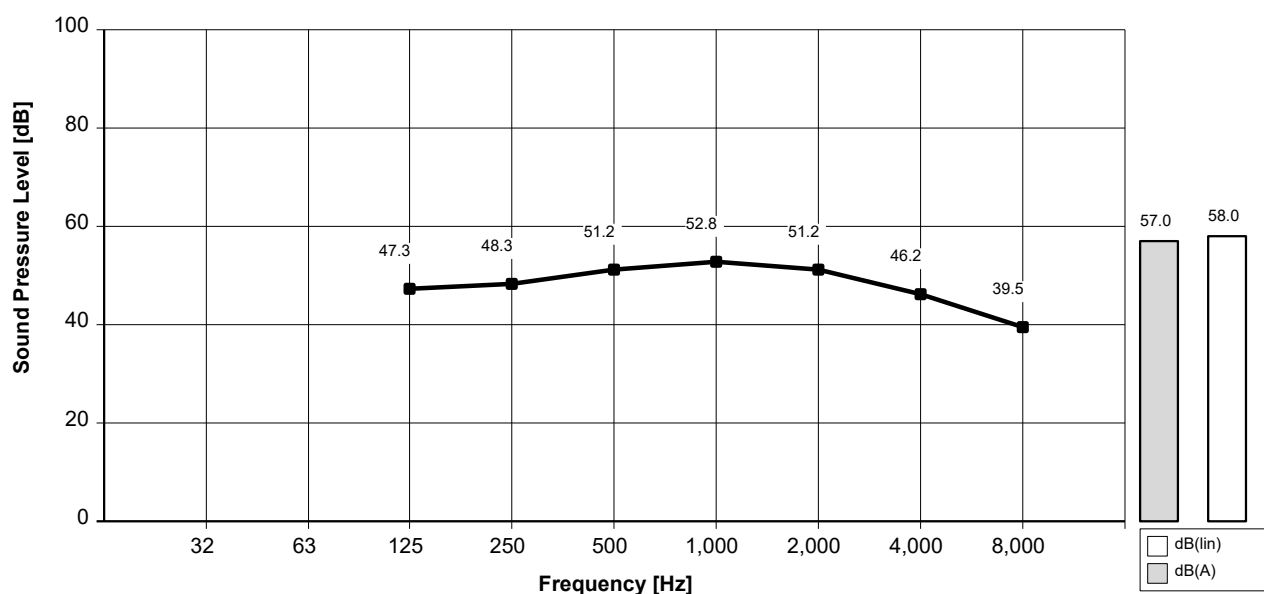
Remarks: The declared noise emission value, does not take production variations and measurement uncertainties into account. The declared value may therefore be up-to 3 dB higher, than the value for the average production unit.

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	59,3	60,2	63,1	64,8	63,1	58,2	51,5	68,9	69,9
Sound Pressure Average at 1m. re: 20 UPa	47,3	48,3	51,2	52,8	51,2	46,2	39,5	57,0	58,0

Sound Pressure calculated according to ISO/DIS 11203 method Q2



Initials: KIR

File no.: LY05118-02.12.2004

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

Motor type: MGE90SA

Product number: 85705805

Fan diameter: D108 [mm]

P2: 1.1 [kW]

U: 400 [V]

Pole: 2

Frequency: 50 [Hz]

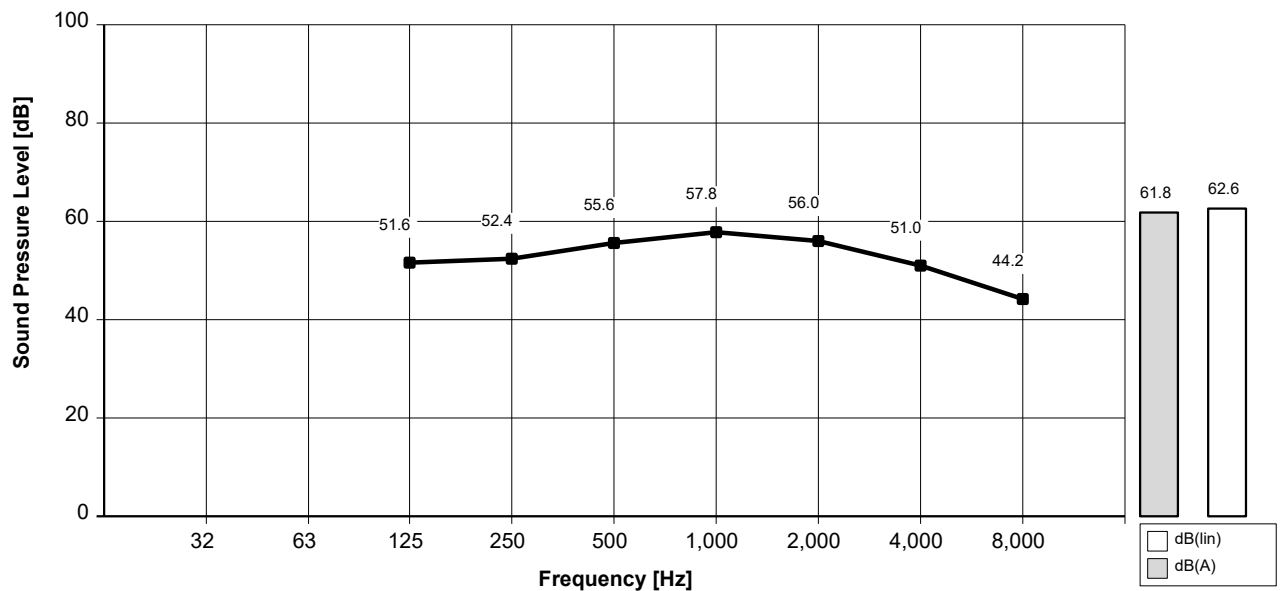
Remarks: The declared noise emission value, does not take production variations and measurement uncertainties into account. The declared value may therefore be up-to 3 dB higher, than the value for the average production unit.

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	63,6	64,3	67,6	69,7	67,9	62,9	56,1	73,7	74,6
Sound Pressure Average at 1m. re: 20 UPa	51,6	52,4	55,6	57,8	56,0	51,0	44,2	61,8	62,6

Sound Pressure calculated according to ISO/DIS 11203 method Q2



Initials: KIR

File no.: LY05117-02.12.2004