

86745805 MGE90SB 50 Hz

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

Motor type: MGE90SB Product number: 86745805 Fan diameter: D128 [mm]
P2: 1.1 [kW] U: 400 [V] Pole: 4 Frequency: 50 [Hz]

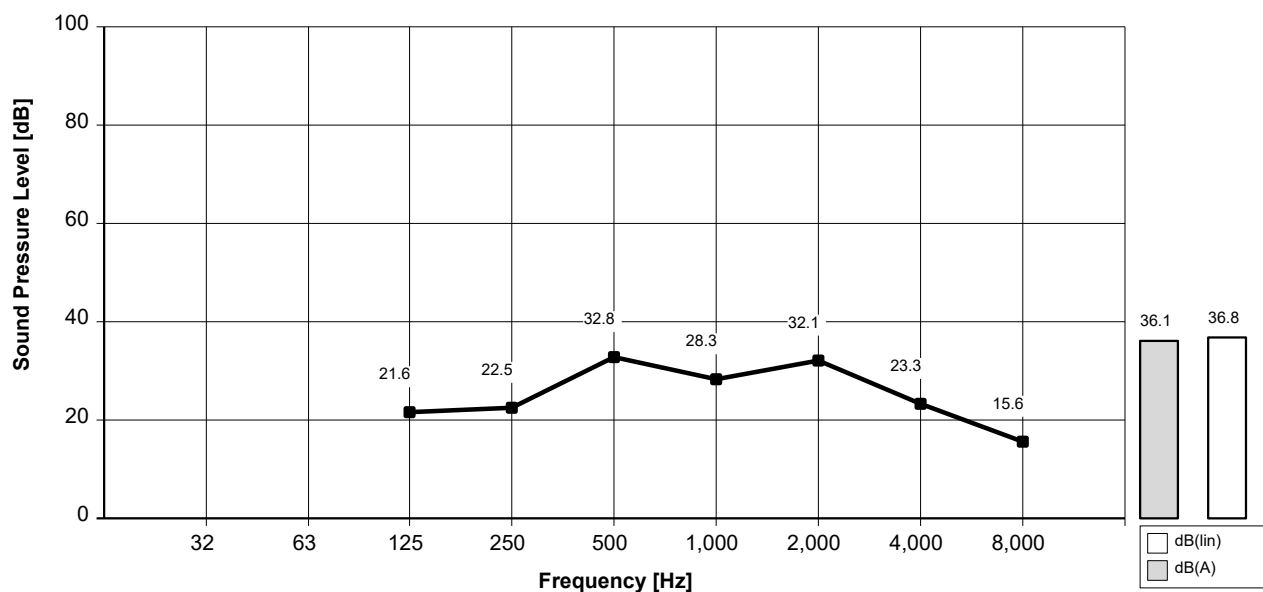
Remarks: The declared noise emission value, does not take production variations and measurement uncertainties into account. The declared value may therefore be up-to 3 dB higher, than the value for the average production unit.

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	33,6	34,4	44,8	40,2	44,1	35,2	27,6	48,0	48,8
Sound Pressure Average at 1m. re: 20 UPa	21,6	22,5	32,8	28,3	32,1	23,3	15,6	36,1	36,8

Sound Pressure calculated according to ISO/DIS 11203 method Q2



Initials: KIR

File no.: LY05116-02.12.2004

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

Motor type: MGE90SB

Product number: 86745805

Fan diameter: D128 [mm]

P2: 1.1 [kW]

U: 400 [V]

Pole: 4

Frequency: 50 [Hz]

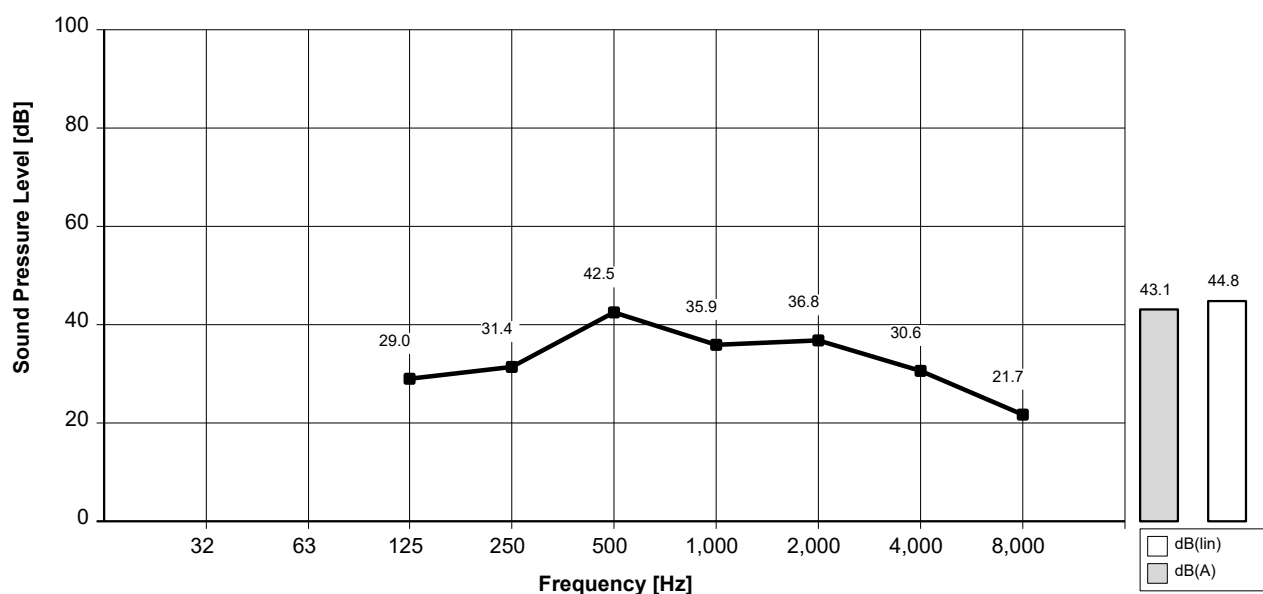
Remarks: The declared noise emission value, does not take production variations and measurement uncertainties into account. The declared value may therefore be up-to 3 dB higher, than the value for the average production unit.

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	41,0	43,3	54,5	47,8	48,7	42,6	33,7	55,1	56,7
Sound Pressure Average at 1m. re: 20 UPa	29,0	31,4	42,5	35,9	36,8	30,6	21,7	43,1	44,8

Sound Pressure calculated according to ISO/DIS 11203 method Q2



Initials: KIR

File no.: LY05115-02.12.2004

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

Motor type: MGE90SB

Product number: 86745805

Fan diameter: D128 [mm]

P2: 1.1 [kW]

U: 400 [V]

Pole: 4

Frequency: 50 [Hz]

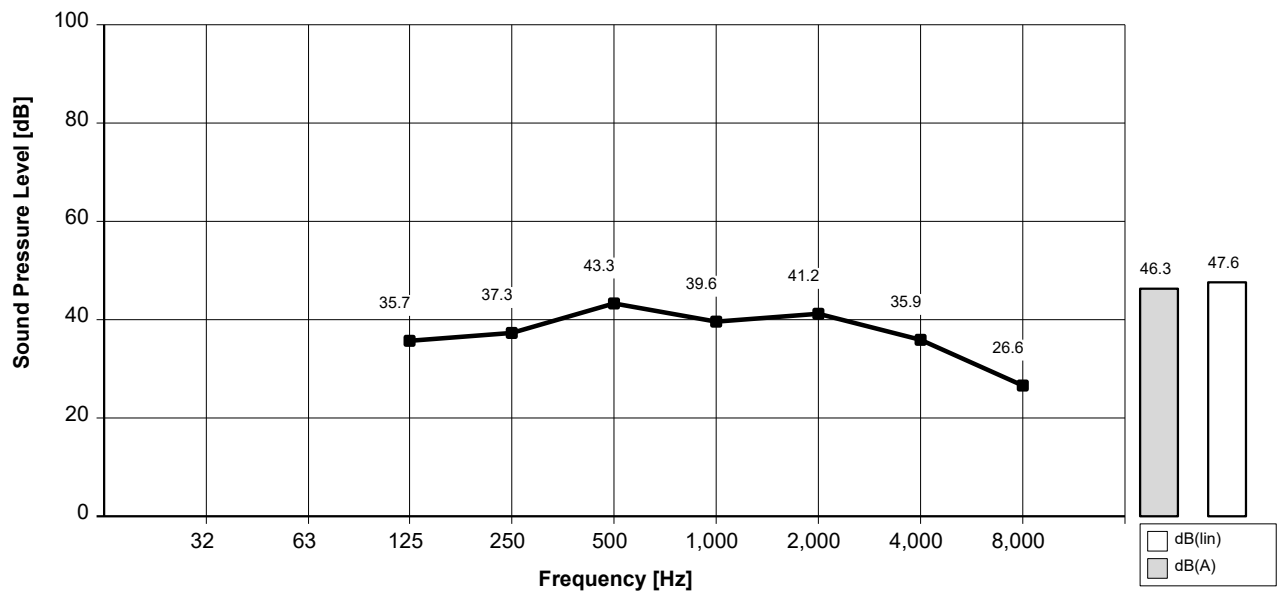
Remarks: The declared noise emission value, does not take production variations and measurement uncertainties into account. The declared value may therefore be up-to 3 dB higher, than the value for the average production unit.

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	47,7	49,3	55,3	51,5	53,2	47,9	38,6	58,3	59,5
Sound Pressure Average at 1m. re: 20 UPa	35,7	37,3	43,3	39,6	41,2	35,9	26,6	46,3	47,6

Sound Pressure calculated according to ISO/DIS 11203 method Q2



Initials: KIR

File no.: LY05114-02.12.2004

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

Motor type: MGE90SB

Product number: 86745805

Fan diameter: D128 [mm]

P2: 1.1 [kW]

U: 400 [V]

Pole: 4

Frequency: 50 [Hz]

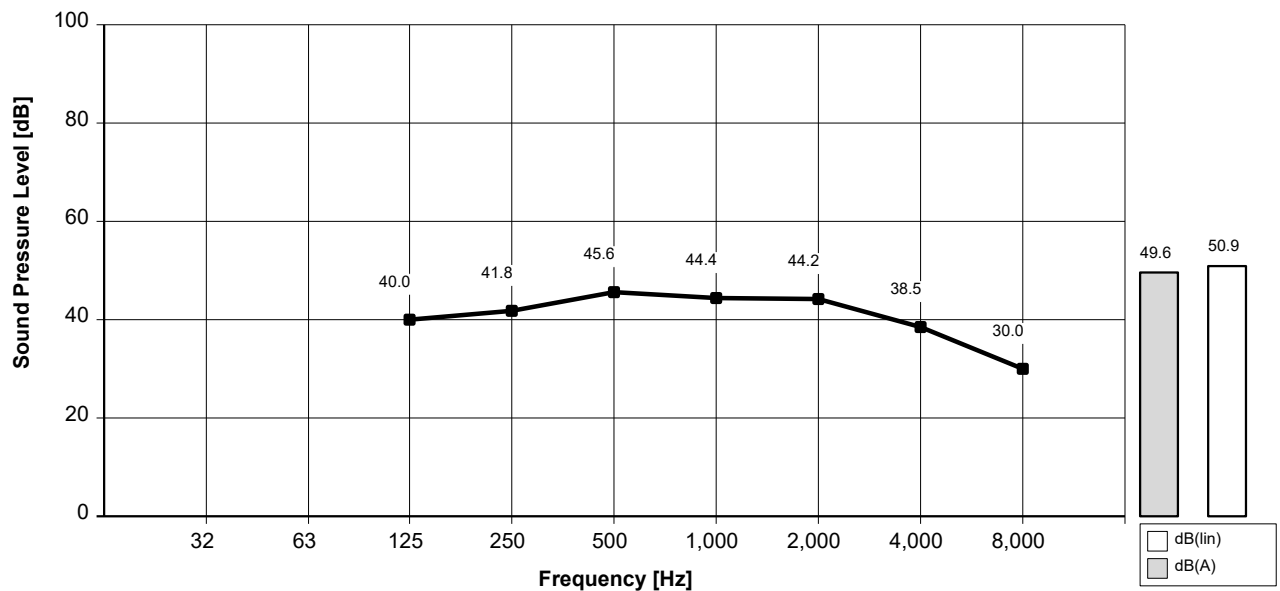
Remarks: The declared noise emission value, does not take production variations and measurement uncertainties into account. The declared value may therefore be up-to 3 dB higher, than the value for the average production unit.

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	52,0	53,8	57,5	56,4	56,2	50,5	41,9	61,6	62,9
Sound Pressure Average at 1m. re: 20 UPa	40,0	41,8	45,6	44,4	44,2	38,5	30,0	49,6	50,9

Sound Pressure calculated according to ISO/DIS 11203 method Q2



Initials: KIR

File no.: LY05113-02.12.2004