

86747817 MGE132SC 50 Hz

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

Motor type: MGE132SC

Product number: 86747817

P2: 5.5 [kW]

U: 400 [V]

Pole: 4

Frequency: 50 [Hz]

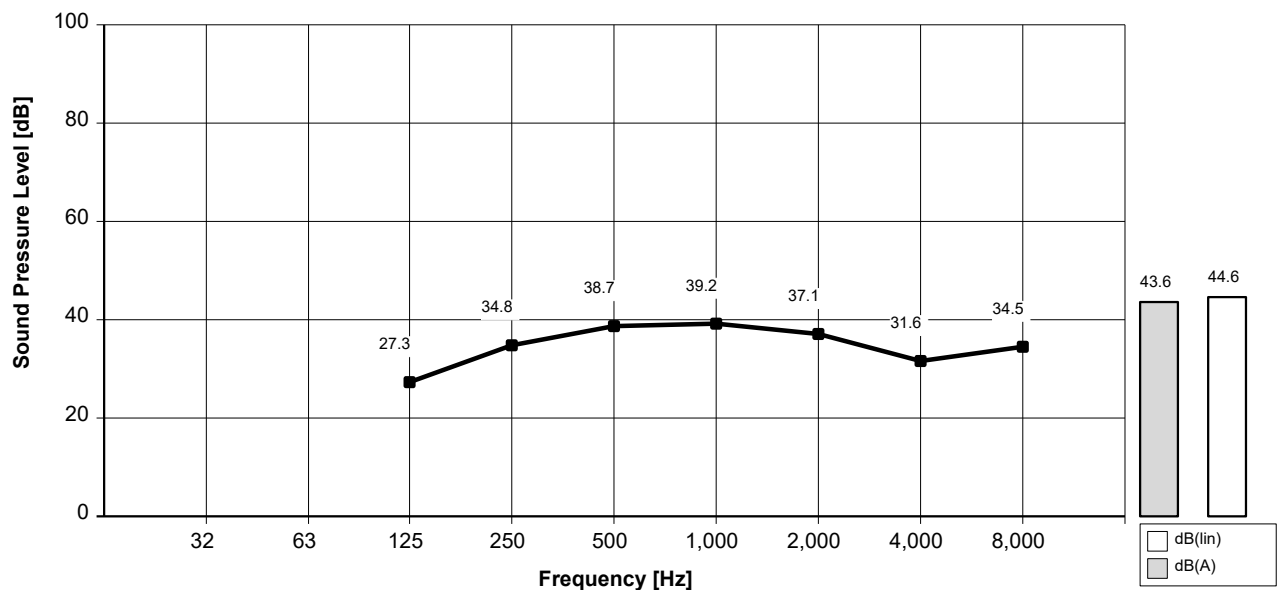
Remarks: The declared noise emission value, does not take production variations and measurement uncertainties into account. The declared value may therefore be up-to 3 dB higher, than the value for the average production unit.

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	39,6	47,1	51,0	51,5	49,4	43,9	46,8	55,9	56,9
Sound Pressure Average at 1m. re: 20 UPa	27,3	34,8	38,7	39,2	37,1	31,6	34,5	43,6	44,6

Sound Pressure calculated according to ISO/DIS 11203 method Q2



Initials: KIR

File no.: LY05088-01.12.2004

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

Motor type: MGE132SC

Product number: 86747817

P2: 5.5 [kW]

U: 400 [V]

Pole: 4

Frequency: 50 [Hz]

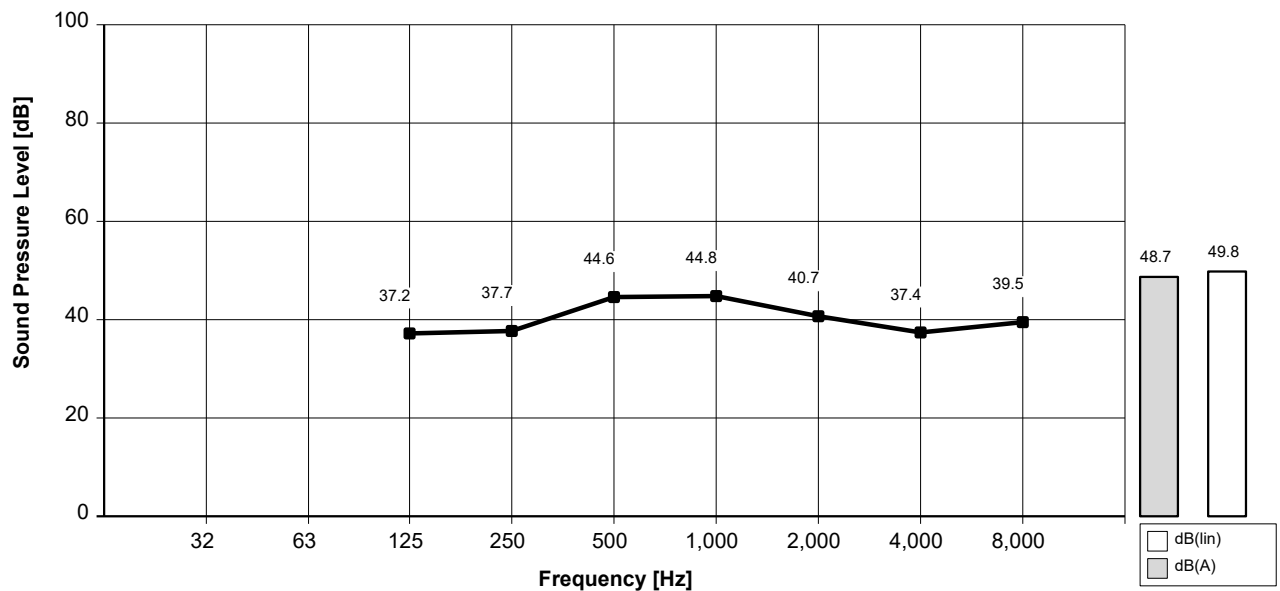
Remarks: The declared noise emission value, does not take production variations and measurement uncertainties into account. The declared value may therefore be up-to 3 dB higher, than the value for the average production unit.

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	49,5	50,0	56,9	57,1	53,0	49,7	51,8	61,0	62,2
Sound Pressure Average at 1m. re: 20 UPa	37,2	37,7	44,6	44,8	40,7	37,4	39,5	48,7	49,8

Sound Pressure calculated according to ISO/DIS 11203 method Q2



Initials: KIR

File no.: LY05087-01.12.2004

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

Motor type: MGE132SC

Product number: 86747817

P2: 5.5 [kW]

U: 400 [V]

Pole: 4

Frequency: 50 [Hz]

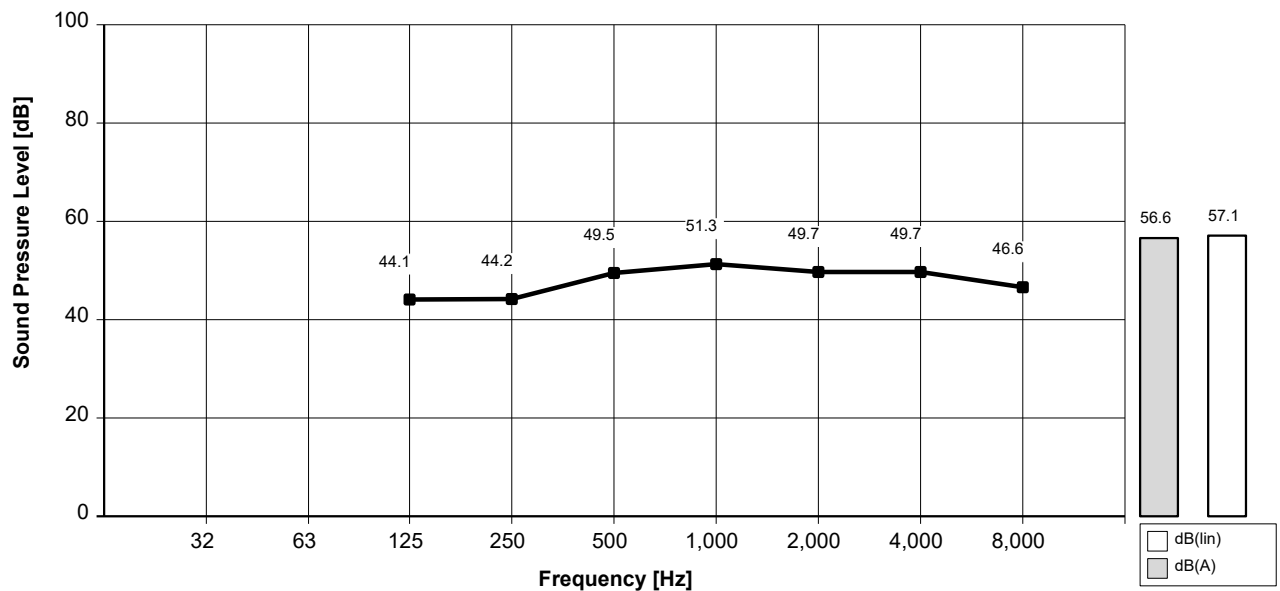
Remarks: The declared noise emission value, does not take production variations and measurement uncertainties into account. The declared value may therefore be up-to 3 dB higher, than the value for the average production unit.

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	56,4	56,5	61,8	63,6	62,0	62,0	59,0	68,9	69,4
Sound Pressure Average at 1m. re: 20 UPa	44,1	44,2	49,5	51,3	49,7	49,7	46,6	56,6	57,1

Sound Pressure calculated according to ISO/DIS 11203 method Q2



Initials: KIR

File no.: LY05086-01.12.2004

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

Motor type: MGE132SC

Product number: 86747817

P2: 5.5 [kW]

U: 400 [V]

Pole: 4

Frequency: 50 [Hz]

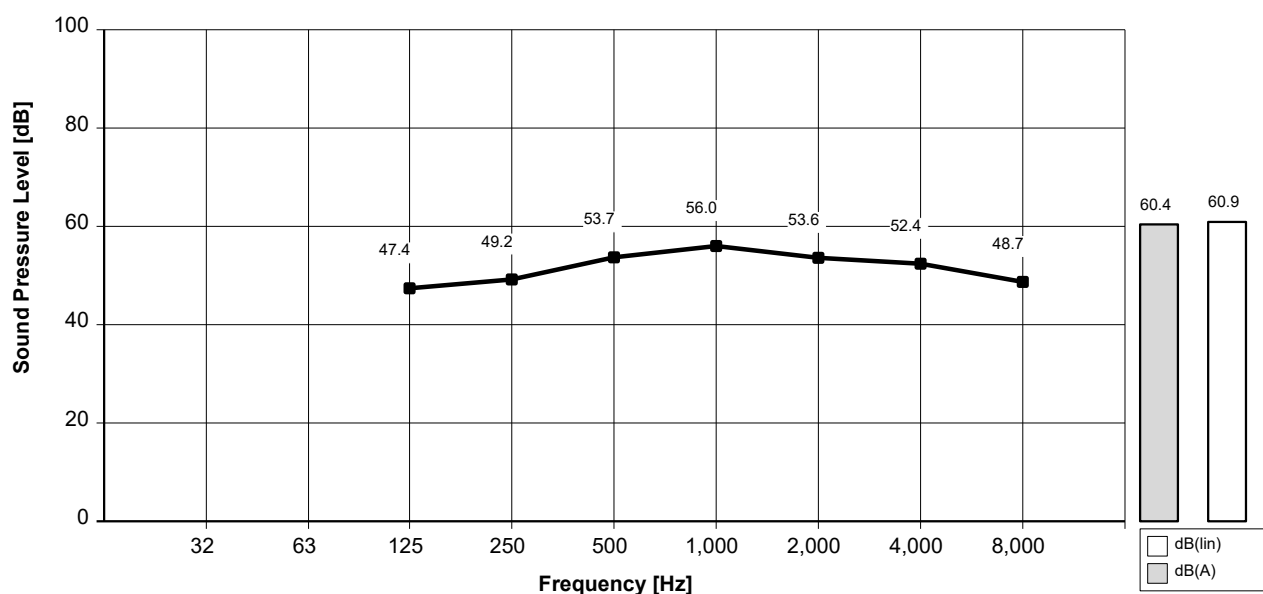
Remarks: The declared noise emission value, does not take production variations and measurement uncertainties into account. The declared value may therefore be up-to 3 dB higher, than the value for the average production unit.

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	59,7	61,5	66,0	68,3	65,9	64,7	61,0	72,7	73,3
Sound Pressure Average at 1m. re: 20 UPa	47,4	49,2	53,7	56,0	53,6	52,4	48,7	60,4	60,9

Sound Pressure calculated according to ISO/DIS 11203 method Q2



Initials: KIR

File no.: LY05085-01.12.2004