

85900862 MGE132SC 50 Hz

Sound Measurement Report			
Sound Power measurement according to DS/ISO-3743			
Motor type: MGE132SC	Product number: 85900862	Fan diameter: D158 [mm]	
P2: 5.5 [kW]	U: 400 [V]	Pole: 2	Frequency: 50 [Hz]

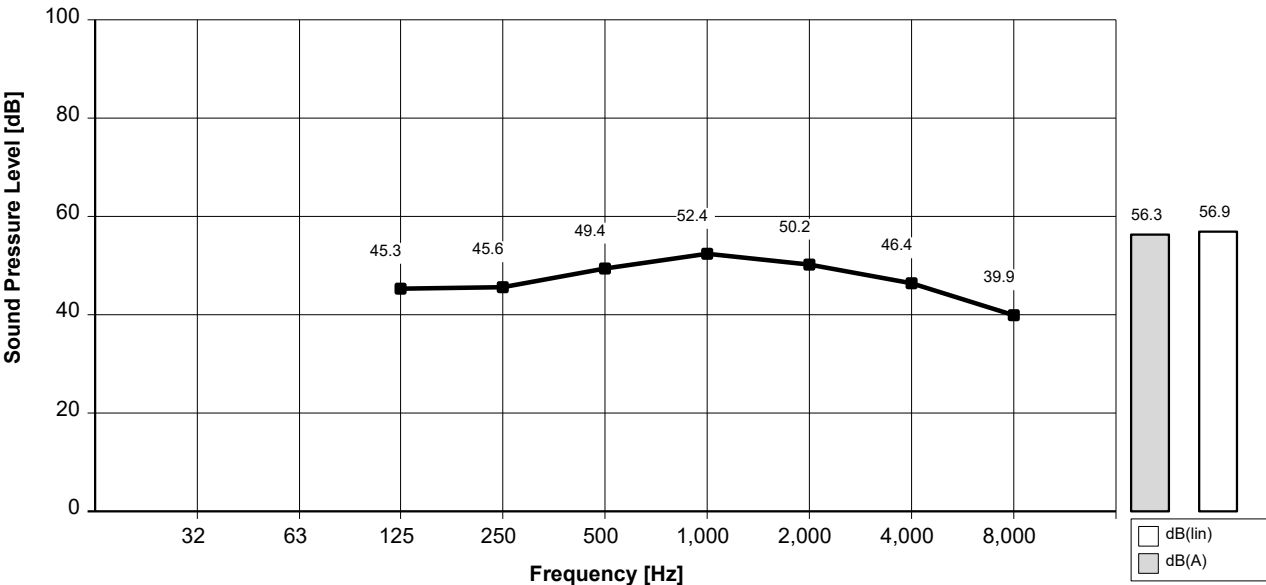
Remarks: The declared noise emission value, does not take production variations and measurement uncertainties into account. The declared value may therefore be up-to 3 dB higher, than the value for the average production unit.

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	57,6	57,9	61,7	64,7	62,5	58,7	52,2	68,6	69,2
Sound Pressure Average at 1m. re: 20 UPa	45,3	45,6	49,4	52,4	50,2	46,4	39,9	56,3	56,9

Sound Pressure calculated according to ISO/DIS 11203 method Q2



Initials: KIR File no.: LY05144-03.12.2004

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

Motor type: MGE132SC

Product number: 85900862

Fan diameter: D158 [mm]

P2: 5.5 [kW]

U: 400 [V]

Pole: 2

Frequency: 50 [Hz]

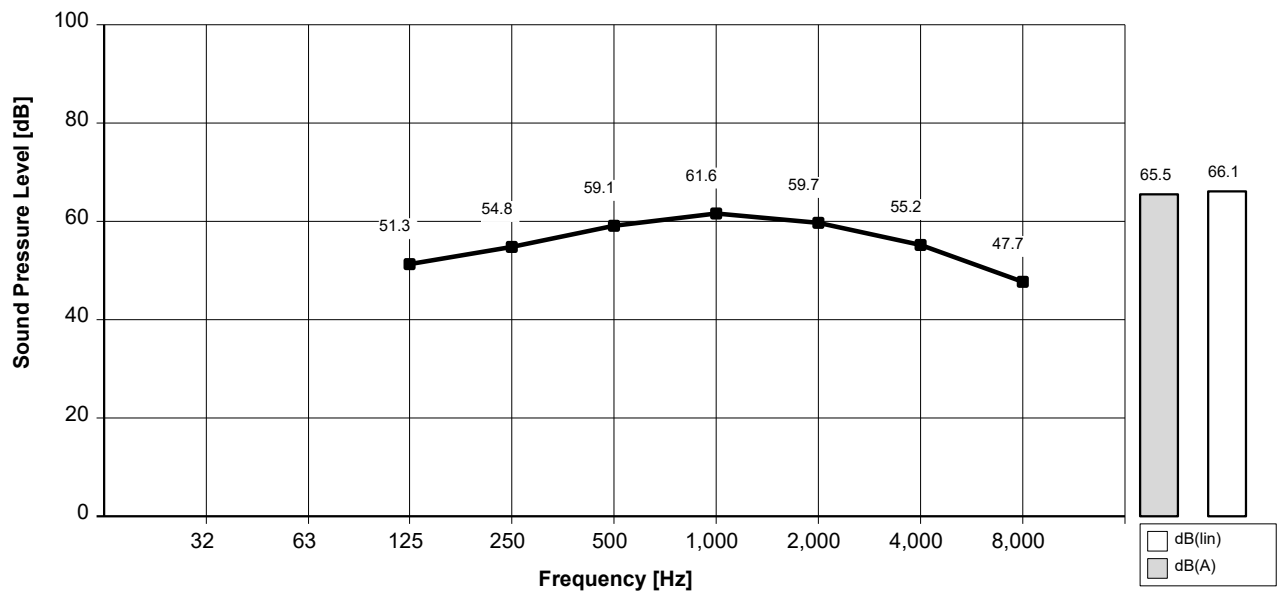
Remarks: The declared noise emission value, does not take production variations and measurement uncertainties into account. The declared value may therefore be up-to 3 dB higher, than the value for the average production unit.

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	63,6	67,1	71,4	73,9	72,0	67,6	60,0	77,9	78,4
Sound Pressure Average at 1m. re: 20 UPa	51,3	54,8	59,1	61,6	59,7	55,2	47,7	65,5	66,1

Sound Pressure calculated according to ISO/DIS 11203 method Q2



Initials: KIR

File no.: LY05143-03.12.2004

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

Motor type: MGE132SC

Product number: 85900862

Fan diameter: D158 [mm]

P2: 5.5 [kW]

U: 400 [V]

Pole: 2

Frequency: 50 [Hz]

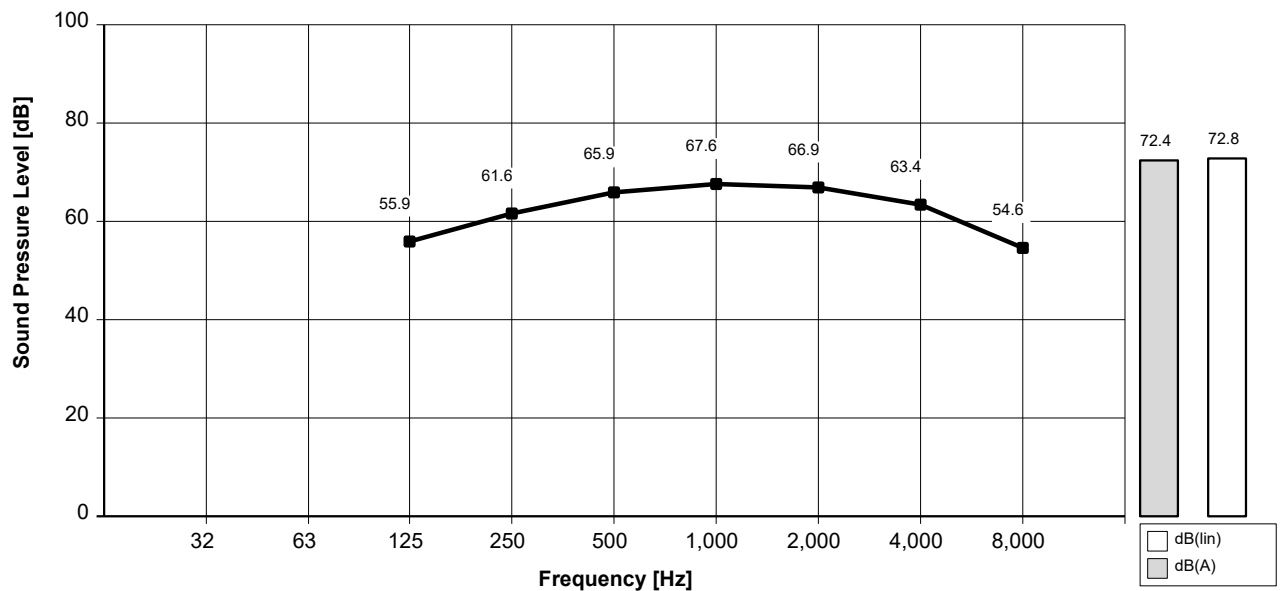
Remarks: The declared noise emission value, does not take production variations and measurement uncertainties into account. The declared value may therefore be up-to 3 dB higher, than the value for the average production unit.

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	68,2	73,9	78,2	80,0	79,2	75,8	66,9	84,7	85,1
Sound Pressure Average at 1m. re: 20 UPa	55,9	61,6	65,9	67,6	66,9	63,4	54,6	72,4	72,8

Sound Pressure calculated according to ISO/DIS 11203 method Q2



Initials: KIR

File no.: LY05142-03.12.2004

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

Motor type: MGE132SC

Product number: 85900862

Fan diameter: D158 [mm]

P2: 5.5 [kW]

U: 400 [V]

Pole: 2

Frequency: 50 [Hz]

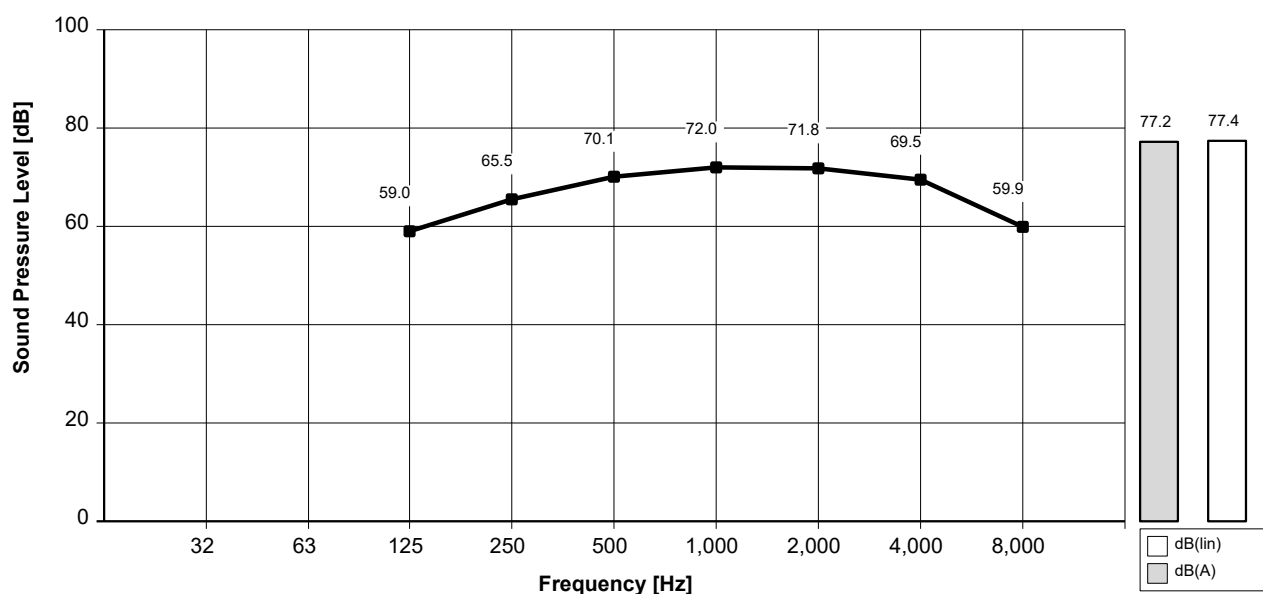
Remarks: The declared noise emission value, does not take production variations and measurement uncertainties into account. The declared value may therefore be up-to 3 dB higher, than the value for the average production unit.

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	71,3	77,8	82,4	84,3	84,1	81,8	72,3	89,5	89,7
Sound Pressure Average at 1m. re: 20 UPa	59,0	65,5	70,1	72,0	71,8	69,5	59,9	77,2	77,4

Sound Pressure calculated according to ISO/DIS 11203 method Q2



Initials: KIR

File no.: LY05141-03.12.2004