

85747422 MGE132SD 50 Hz

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

Motor type: MGE132SD Product number: 85747422 Fan diameter: D198 [mm]
P2: 7.5 [kW] U: 400 [V] Pole: 2 Frequency: 50 [Hz]

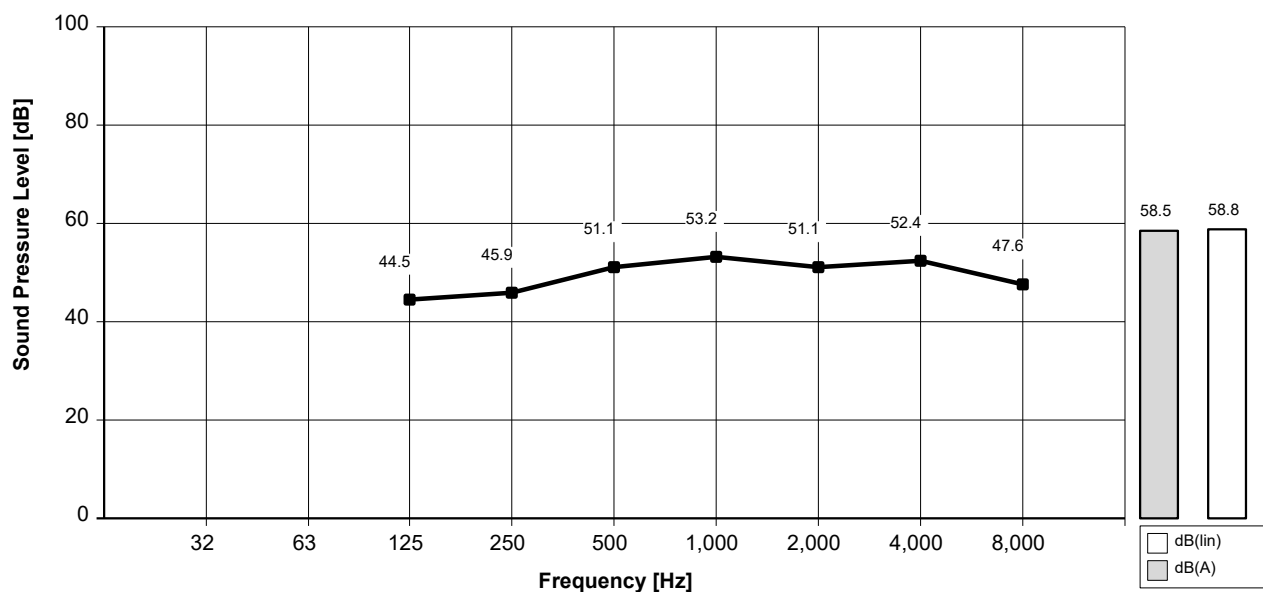
Remarks: The declared noise emission value, does not take production variations and measurement uncertainties into account. The declared value may therefore be up-to 3 dB higher, than the value for the average production unit.

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	56,9	58,2	63,4	65,5	63,4	64,7	59,9	70,8	71,1
Sound Pressure Average at 1m. re: 20 UPa	44,5	45,9	51,1	53,2	51,1	52,4	47,6	58,5	58,8

Sound Pressure calculated according to ISO/DIS 11203 method Q2



Initials: KIR

File no.: LY05092-01.12.2004

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

Motor type: MGE132SD

Product number: 85747422

Fan diameter: D198 [mm]

P2: 7.5 [kW]

U: 400 [V]

Pole: 2

Frequency: 50 [Hz]

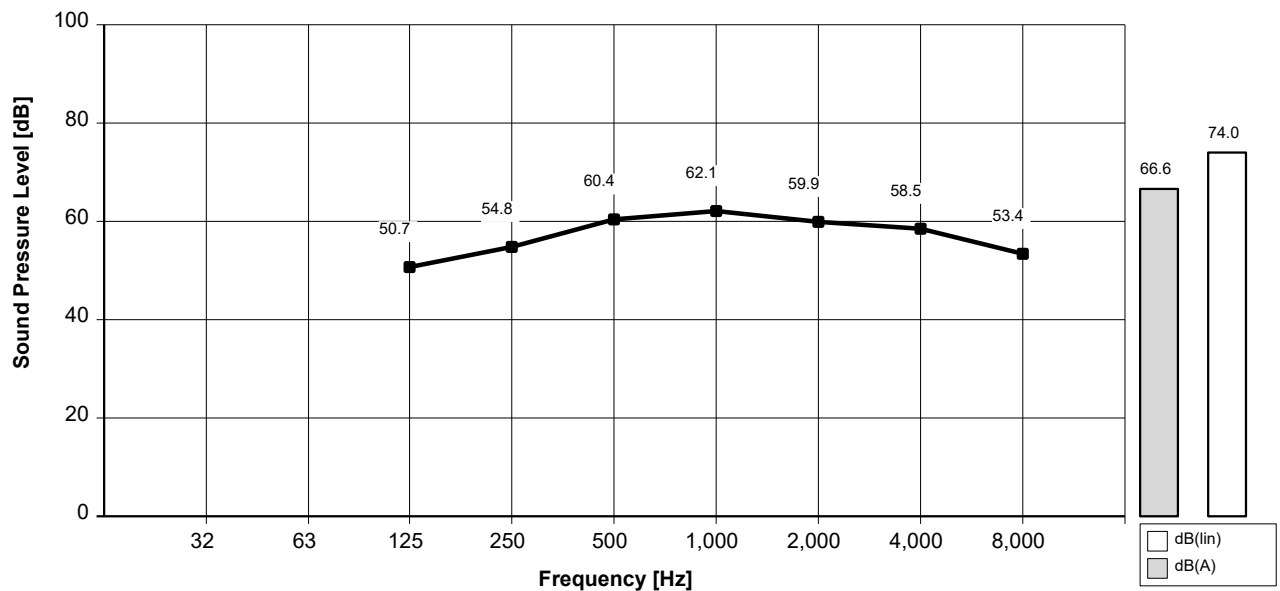
Remarks: The declared noise emission value, does not take production variations and measurement uncertainties into account. The declared value may therefore be up-to 3 dB higher, than the value for the average production unit.

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	63,1	67,1	72,7	74,4	72,3	70,8	65,7	78,9	79,3
Sound Pressure Average at 1m. re: 20 UPa	50,7	54,8	60,4	62,1	59,9	58,5	53,4	66,6	74,0

Sound Pressure calculated according to ISO/DIS 11203 method Q2



Initials: KIR

File no.: LY05089-01.12.2004

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

Motor type: MGE132SD

Product number: 85747422

Fan diameter: D198 [mm]

P2: 7.5 [kW]

U: 400 [V]

Pole: 2

Frequency: 50 [Hz]

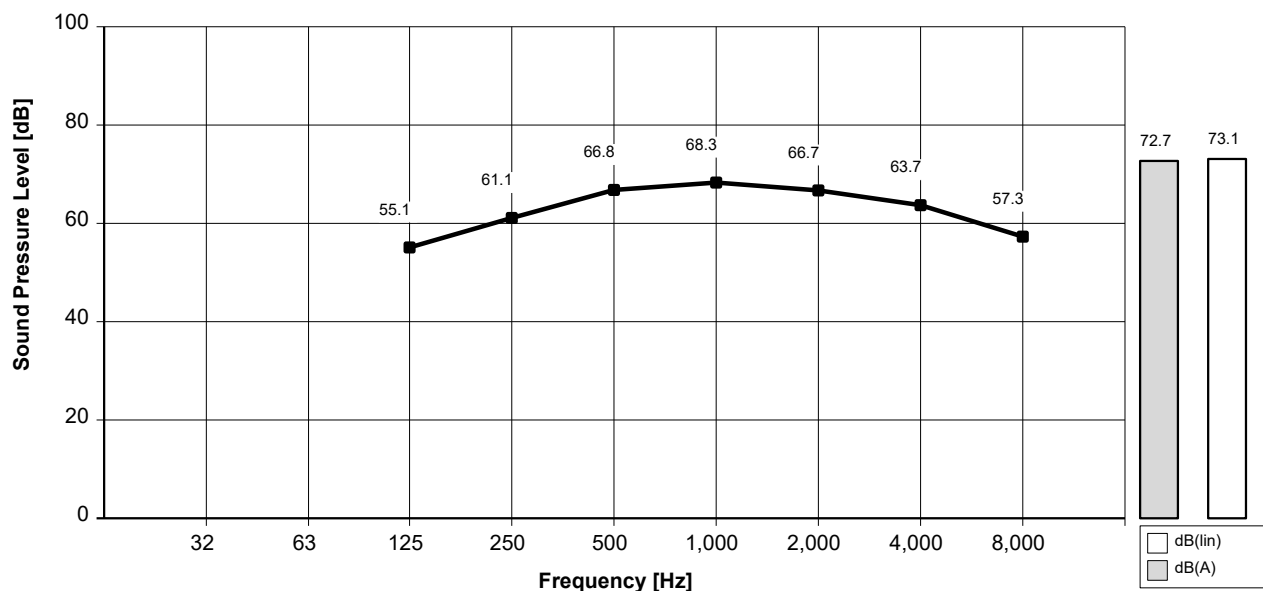
Remarks: The declared noise emission value, does not take production variations and measurement uncertainties into account. The declared value may therefore be up-to 3 dB higher, than the value for the average production unit.

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	67,4	73,5	79,1	80,6	79,0	76,0	69,6	85,0	85,5
Sound Pressure Average at 1m. re: 20 UPa	55,1	61,1	66,8	68,3	66,7	63,7	57,3	72,7	73,1

Sound Pressure calculated according to ISO/DIS 11203 method Q2



Initials: KIR

File no.: LY05091-01.12.2004

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

Motor type: MGE132SD

Product number: 85747422

Fan diameter: D198 [mm]

P2: 7.5 [kW]

U: 400 [V]

Pole: 2

Frequency: 50 [Hz]

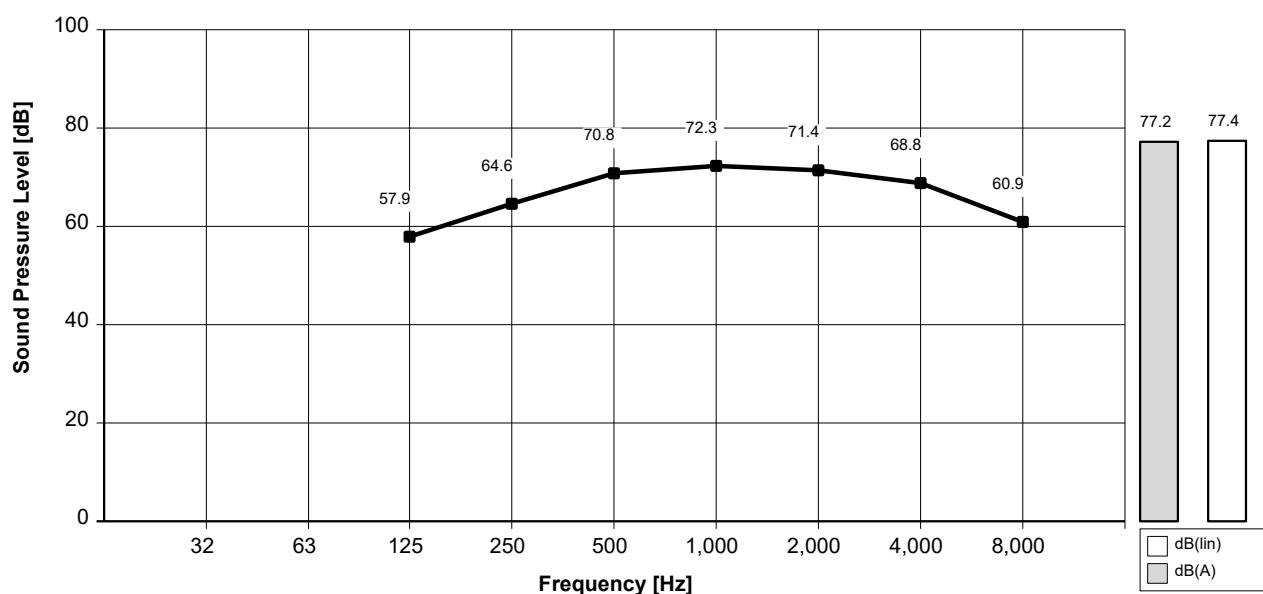
Remarks: The declared noise emission value, does not take production variations and measurement uncertainties into account. The declared value may therefore be up-to 3 dB higher, than the value for the average production unit.

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	70,2	76,9	83,1	84,6	83,7	81,1	73,2	89,5	89,7
Sound Pressure Average at 1m. re: 20 UPa	57,9	64,6	70,8	72,3	71,4	68,8	60,9	77,2	77,4

Sound Pressure calculated according to ISO/DIS 11203 method Q2



Initials: KIR

File no.: LY05090-01.12.2004