

85901459 MGE180MB 50 Hz

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

Motor type: MGE180MB Product number: 85901459 Fan diameter: D240 [mm]
P2: 22 [kW] U: 400 [V] Pole: 2 Frequency: 50 [Hz]

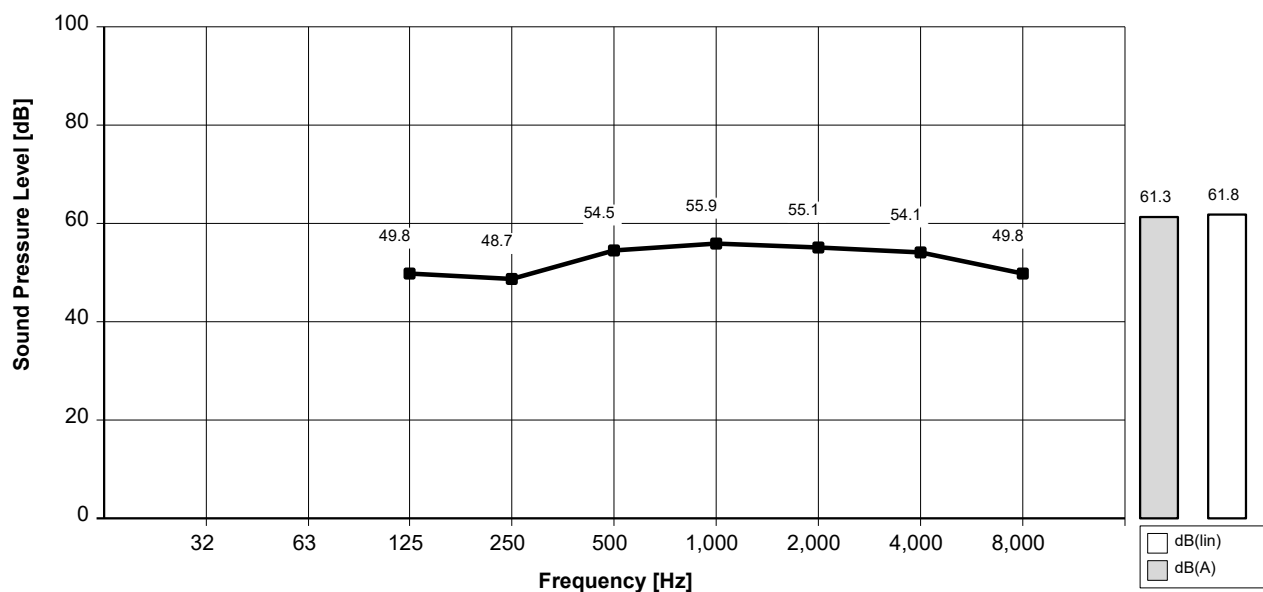
Remarks: The declared noise emission value, does not take production variations and measurement uncertainties into account. The declared value may therefore be up-to 3 dB higher, than the value for the average production unit.

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	62,5	61,8	67,6	69,0	68,2	67,2	62,9	74,4	74,9
Sound Pressure Average at 1m. re: 20 UPa	49,8	48,7	54,5	55,9	55,1	54,1	49,8	61,3	61,8

Sound Pressure calculated according to ISO/DIS 11203 method Q2



Initials: KIR

File no.: LY 30.05.2008

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Fan diameter: D240 [mm]

P2: 22 [kW]

U: 400 [V]

Pole: 2

Frequency: 50 [Hz]

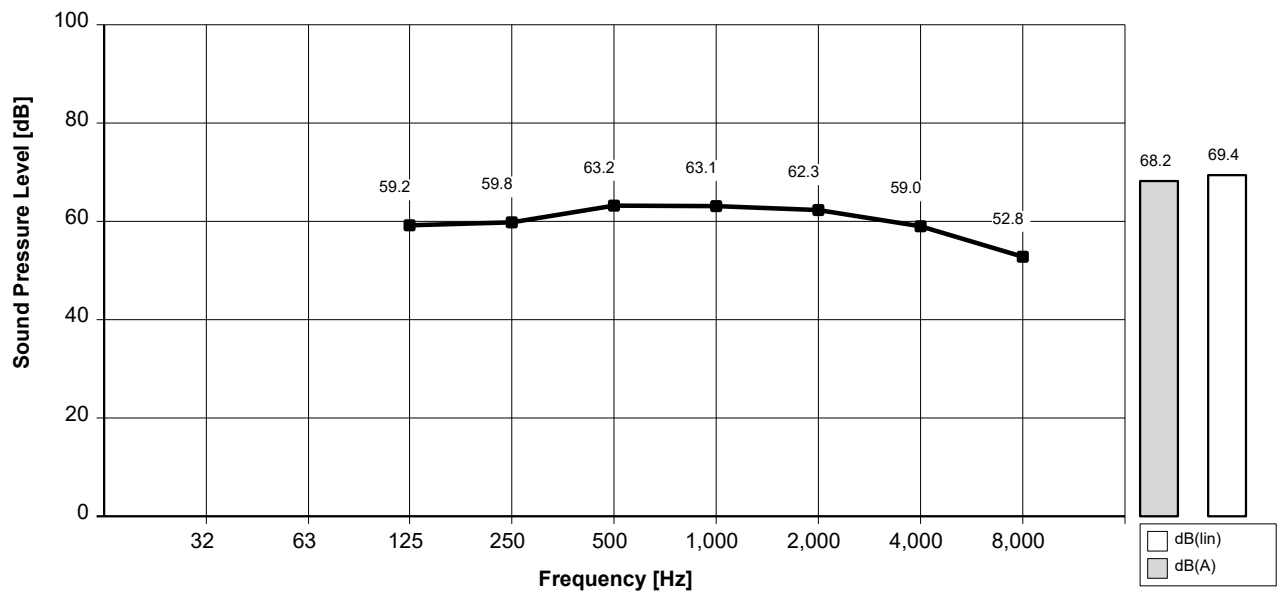
Remarks: The declared noise emission value, does not take production variations and measurement uncertainties into account. The declared value may therefore be up-to 3 dB higher, than the value for the average production unit.

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	72,3	72,9	76,3	76,2	75,4	72,0	65,8	81,3	82,4
Sound Pressure Average at 1m. re: 20 UPa	59,2	59,8	63,2	63,1	62,3	59,0	52,8	68,2	69,4

Sound Pressure calculated according to ISO/DIS 11203 method Q2



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Product number: 85901459

Fan diameter: D240 [mm]

P2: 22 [kW]

U: 400 [V]

Pole: 2

Frequency: 50 [Hz]

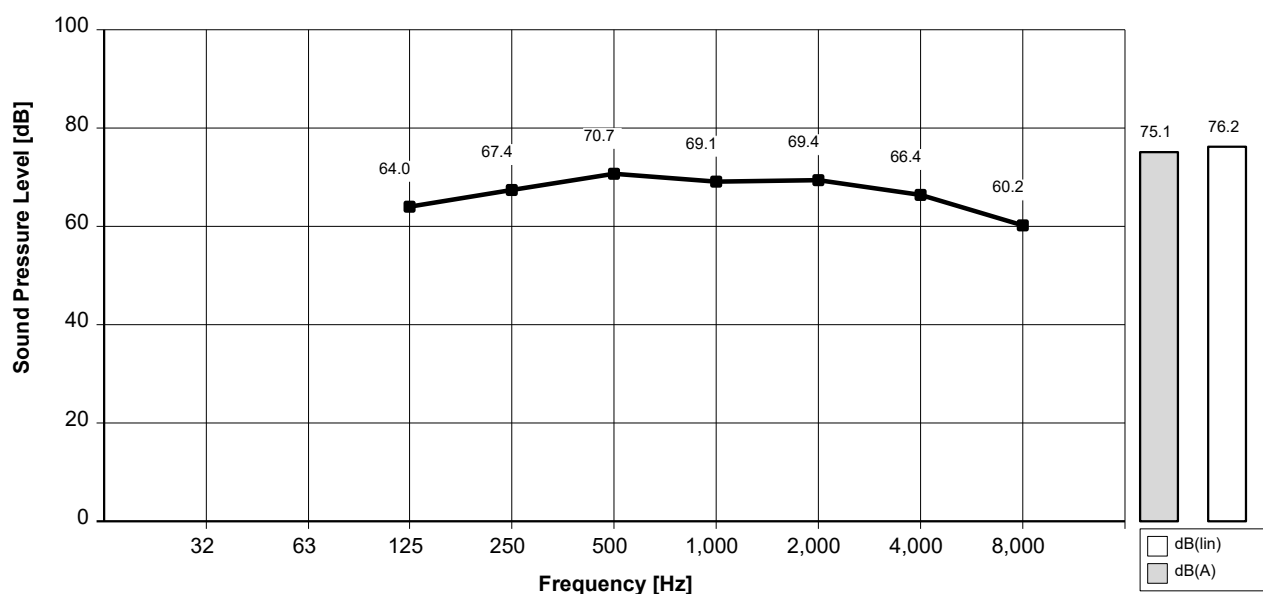
Remarks: The declared noise emission value, does not take production variations and measurement uncertainties into account. The declared value may therefore be up-to 3 dB higher, than the value for the average production unit.

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	77,0	80,5	83,8	82,2	82,5	79,5	73,3	88,2	89,3
Sound Pressure Average at 1m. re: 20 UPa	64,0	67,4	70,7	69,1	69,4	66,4	60,2	75,1	76,2

Sound Pressure calculated according to ISO/DIS 11203 method Q2



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Motor type: MGE180MB

Product number: 85901459

Fan diameter: D240 [mm]

P2: 22 [kW]

U: 400 [V]

Pole: 2

Frequency: 50 [Hz]

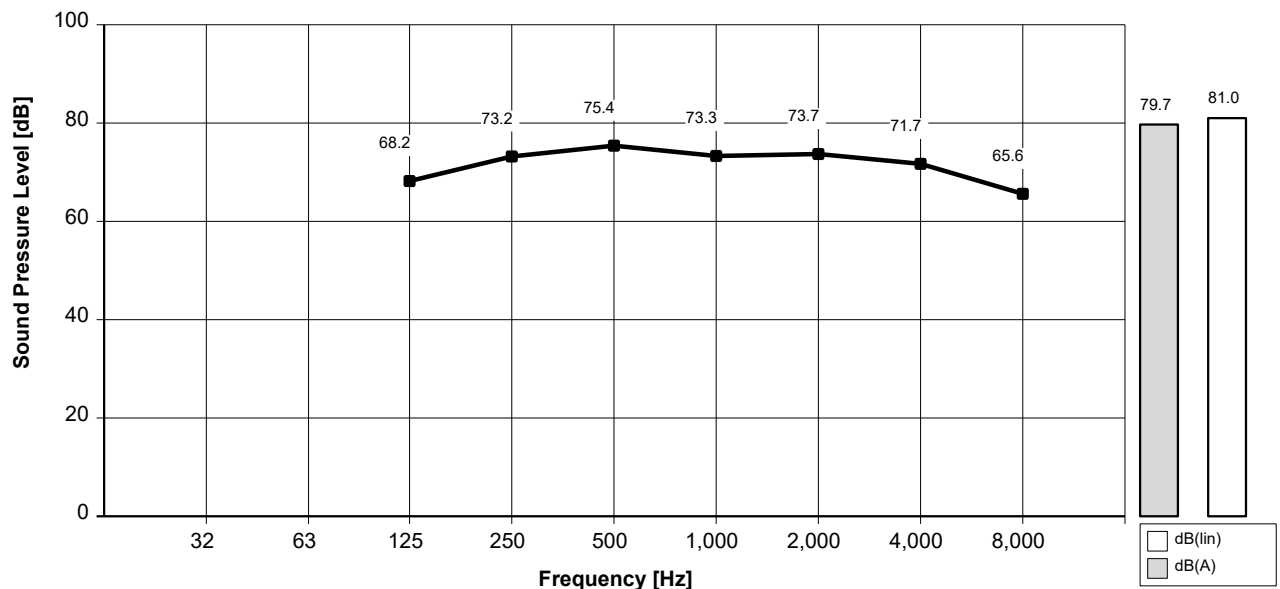
Remarks: The declared noise emission value, does not take production variations and measurement uncertainties into account. The declared value may therefore be up-to 3 dB higher, than the value for the average production unit.

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	81,3	86,3	88,5	86,4	86,8	84,8	78,7	92,8	94,1
Sound Pressure Average at 1m. re: 20 UPa	68,2	73,2	75,4	73,3	73,7	71,7	65,6	79,7	81,0

Sound Pressure calculated according to ISO/DIS 11203 method Q2



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