

85901156 MLE160AA 60 Hz

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

Motor type: MLE160AA

Product number: 85901156

Fan diameter: D215 [mm]

P2: 11 [kW]

U: 400 [V]

Pole: 2

Frequency: 50 [Hz]

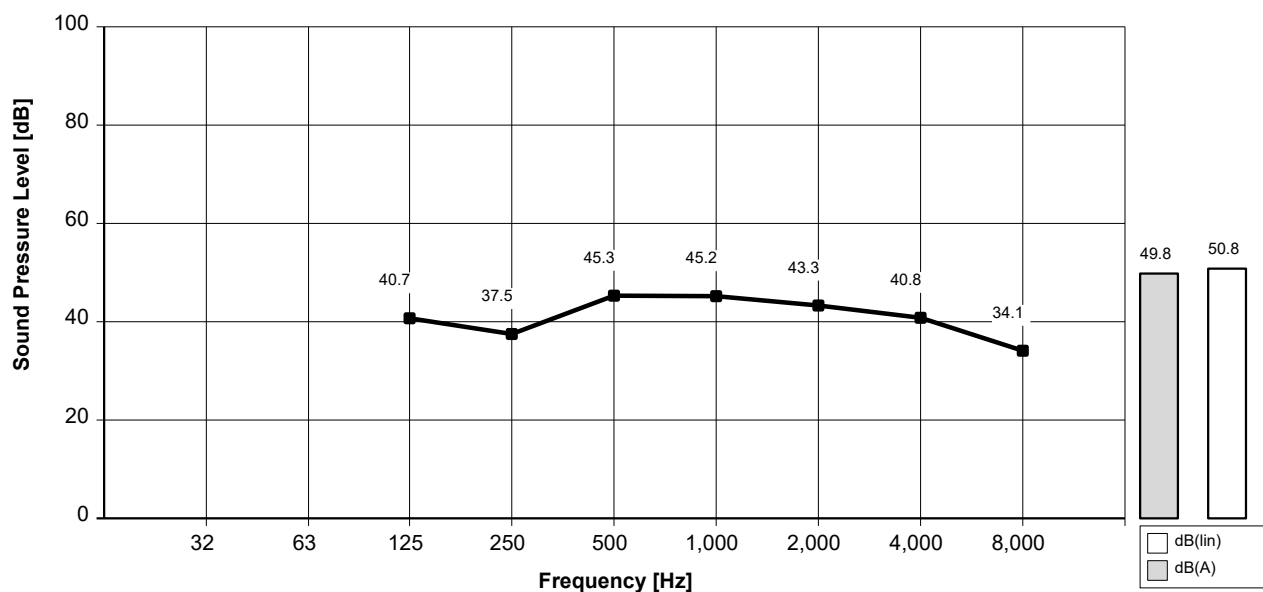
Remarks: The declared noise emission value, does not take production variations and measurement uncertainties into account. The declared value may therefore be up-to 3 dB higher, than the value for the average production unit.

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	53,7	50,4	58,3	58,2	56,3	53,7	47,1	62,8	63,8
Sound Pressure Average at 1m. re: 20 UPa	40,7	37,5	45,3	45,2	43,3	40,8	34,1	49,8	50,8

Sound Pressure calculated according to ISO/DIS 11203 method Q2



Initials: KIR

File no.: LY 03.06.2008

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Frequency: 50 [Hz]

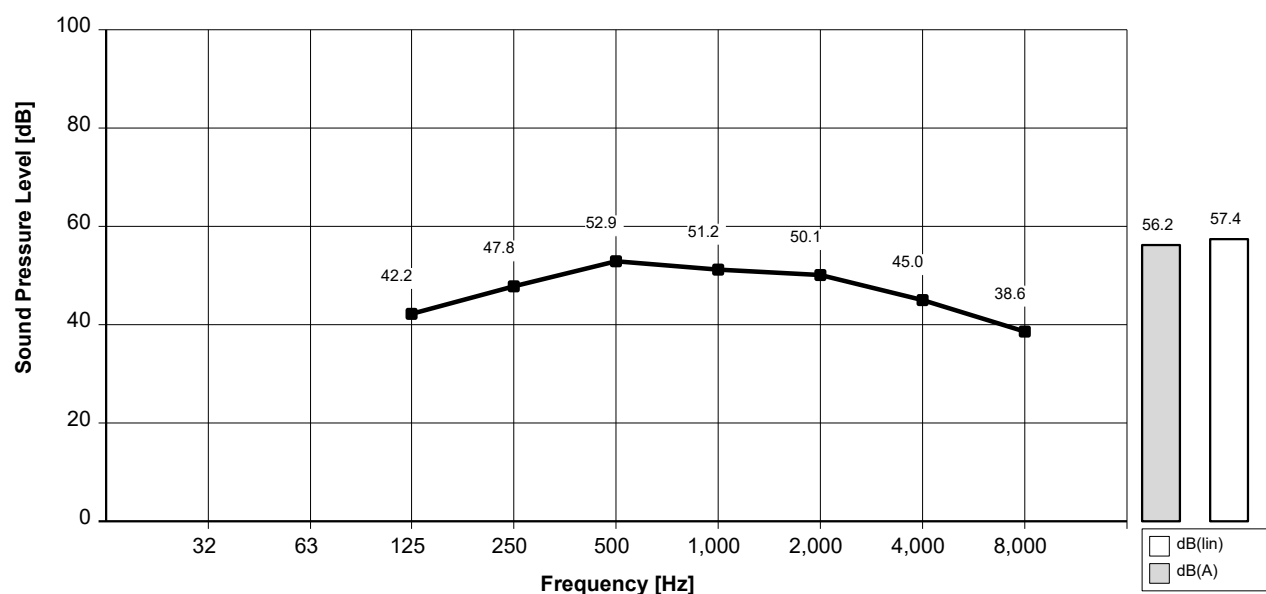
Remarks: The declared noise emission value, does not take production variations and measurement uncertainties into account. The declared value may therefore be up-to 3 dB higher, than the value for the average production unit.

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	55,2	60,8	65,9	64,2	63,1	58,0	51,6	69,2	70,4
Sound Pressure Average at 1m. re: 20 UPa	42,2	47,8	52,9	51,2	50,1	45,0	38,6	56,2	57,4

Sound Pressure calculated according to ISO/DIS 11203 method Q2



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P2: 11 [kW]

U: 400 [V]

Pole: 2

Frequency: 50 [Hz]

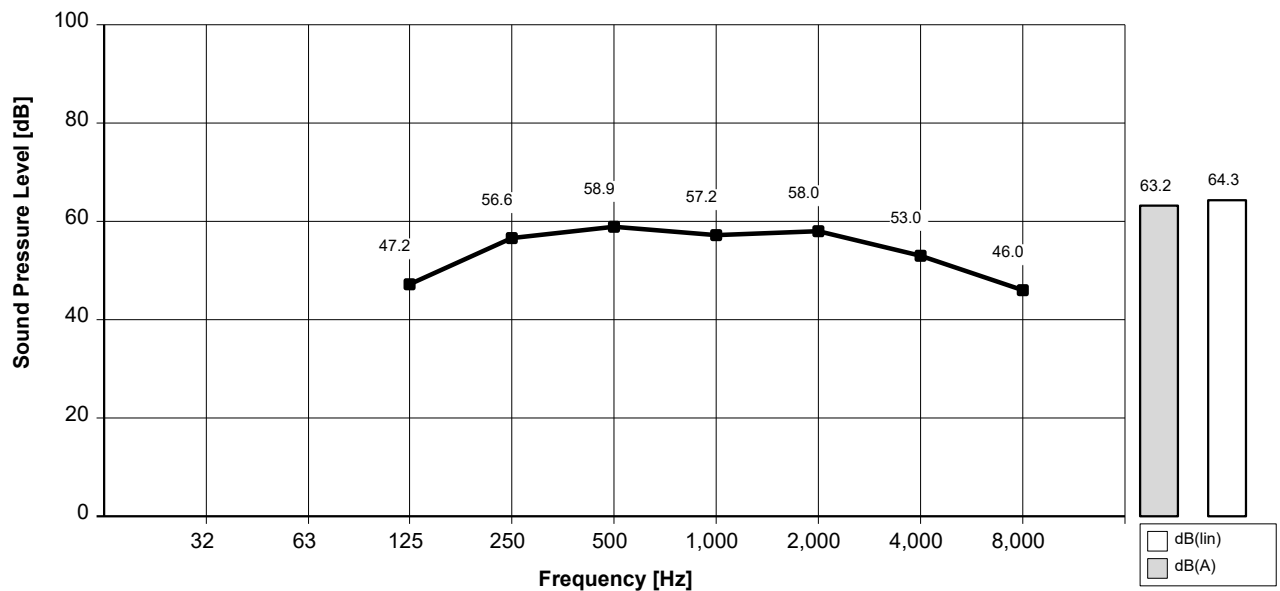
Remarks: The declared noise emission value, does not take production variations and measurement uncertainties into account. The declared value may therefore be up-to 3 dB higher, than the value for the average production unit.

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	60,2	69,6	71,9	70,2	70,9	66,0	58,9	76,1	77,3
Sound Pressure Average at 1m. re: 20 UPa	47,2	56,6	58,9	57,2	58,0	53,0	46,0	63,2	64,3

Sound Pressure calculated according to ISO/DIS 11203 method Q2



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Motor type: MLE160AA

Product number: 85901156

Fan diameter: D215 [mm]

P2: 11 [kW]

U: 400 [V]

Pole: 2

Frequency: 50 [Hz]

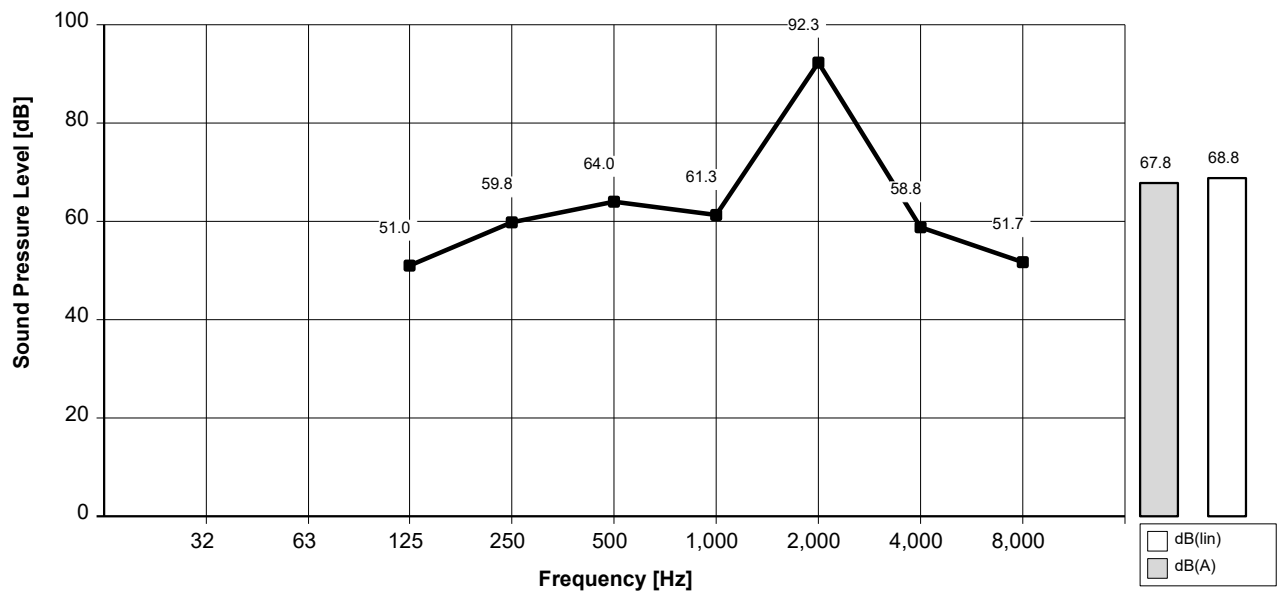
Remarks: The declared noise emission value, does not take production variations and measurement uncertainties into account. The declared value may therefore be up-to 3 dB higher, than the value for the average production unit.

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	64,0	72,8	77,0	74,3	75,3	71,8	64,6	80,8	81,8
Sound Pressure Average at 1m. re: 20 UPa	51,0	59,8	64,0	61,3	92,3	58,8	51,7	67,8	68,8

Sound Pressure calculated according to ISO/DIS 11203 method Q2



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