

85901242 MGE160LB 50 Hz

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

Motor type: MGE160LB Product number: 85901242 Fan diameter: D240 [mm]
P2: 18.5 [kW] U: 400 [V] Pole: 2 Frequency: 50 [Hz]

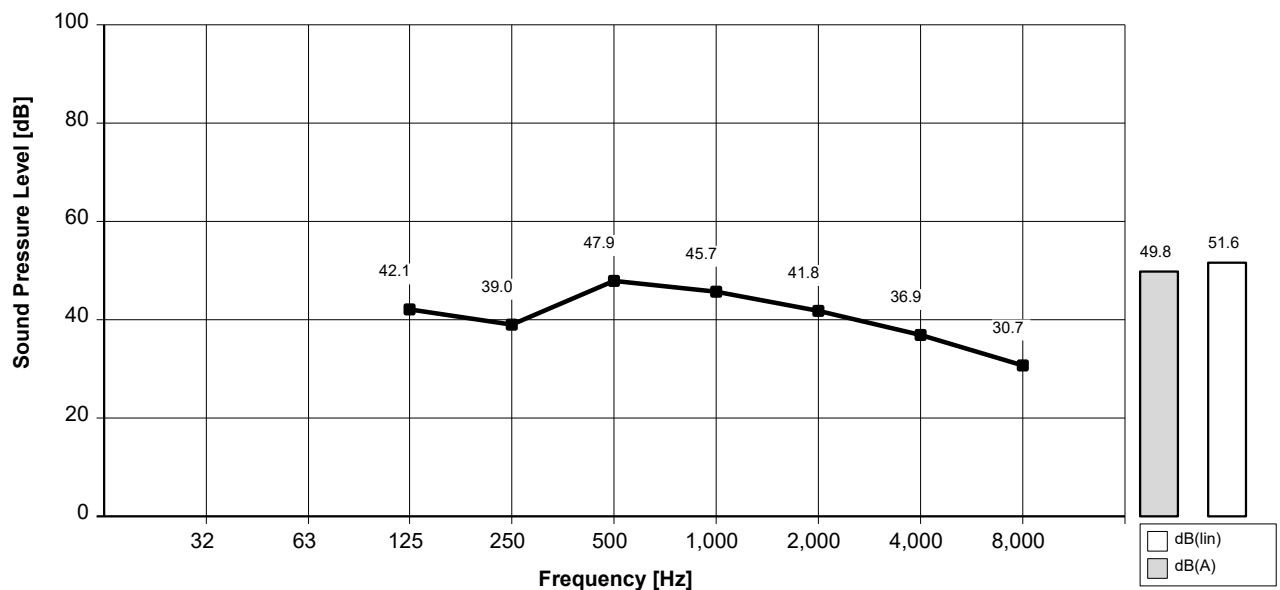
Remarks: The declared noise emission value, does not take production variations and measurement uncertainties into account. The declared value may therefore be up-to 3 dB higher, than the value for the average production unit.

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	55,2	52,1	61,0	58,7	54,8	49,9	43,8	62,8	64,6
Sound Pressure Average at 1m. re: 20 UPa	42,1	39,0	47,9	45,7	41,8	36,9	30,7	49,8	51,6

Sound Pressure calculated according to ISO/DIS 11203 method Q2



Initials: KIR

File no.: LY 30.05.2008

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

Motor type: MGE160LB

Product number: 85901242

Fan diameter: D240 [mm]

P2: 18.5 [kW]

U: 400 [V]

Pole: 2

Frequency: 50 [Hz]

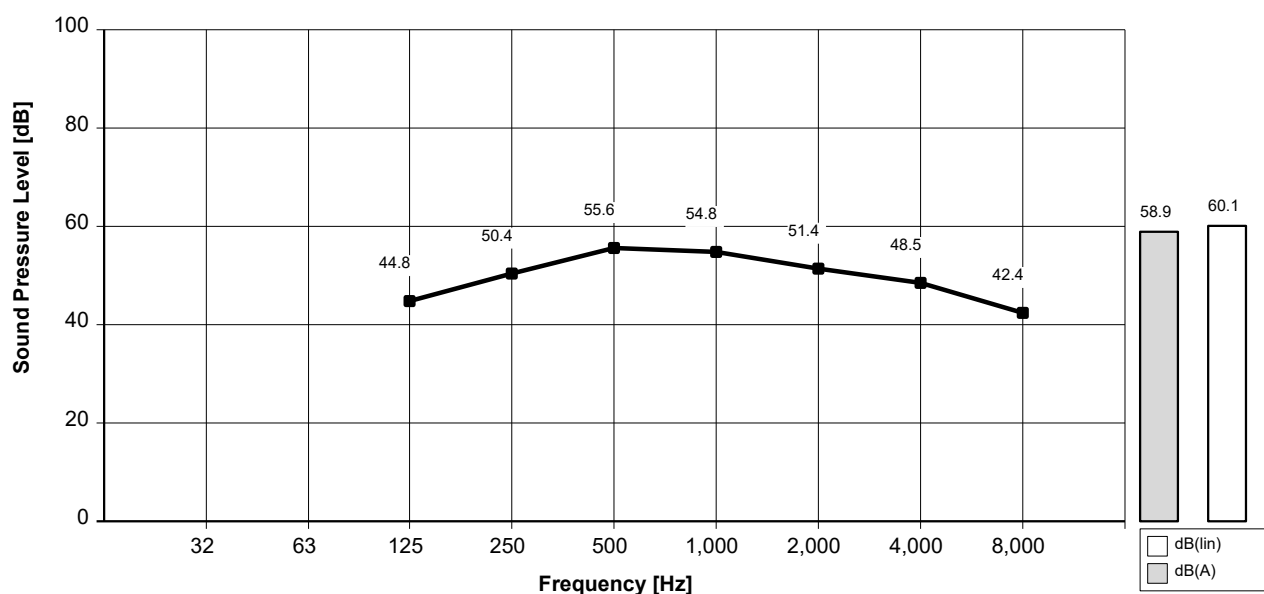
Remarks: The declared noise emission value, does not take production variations and measurement uncertainties into account. The declared value may therefore be up-to 3 dB higher, than the value for the average production unit.

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	57,8	63,4	68,6	67,8	64,4	61,6	55,4	71,9	73,2
Sound Pressure Average at 1m. re: 20 UPa	44,8	50,4	55,6	54,8	51,4	48,5	42,4	58,9	60,1

Sound Pressure calculated according to ISO/DIS 11203 method Q2



Initials: KIR

File no.: LY 02.06.2008

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

Motor type: MGE160LB

Product number: 85901242

Fan diameter: D240 [mm]

P2: 18.5 [kW]

U: 400 [V]

Pole: 2

Frequency: 50 [Hz]

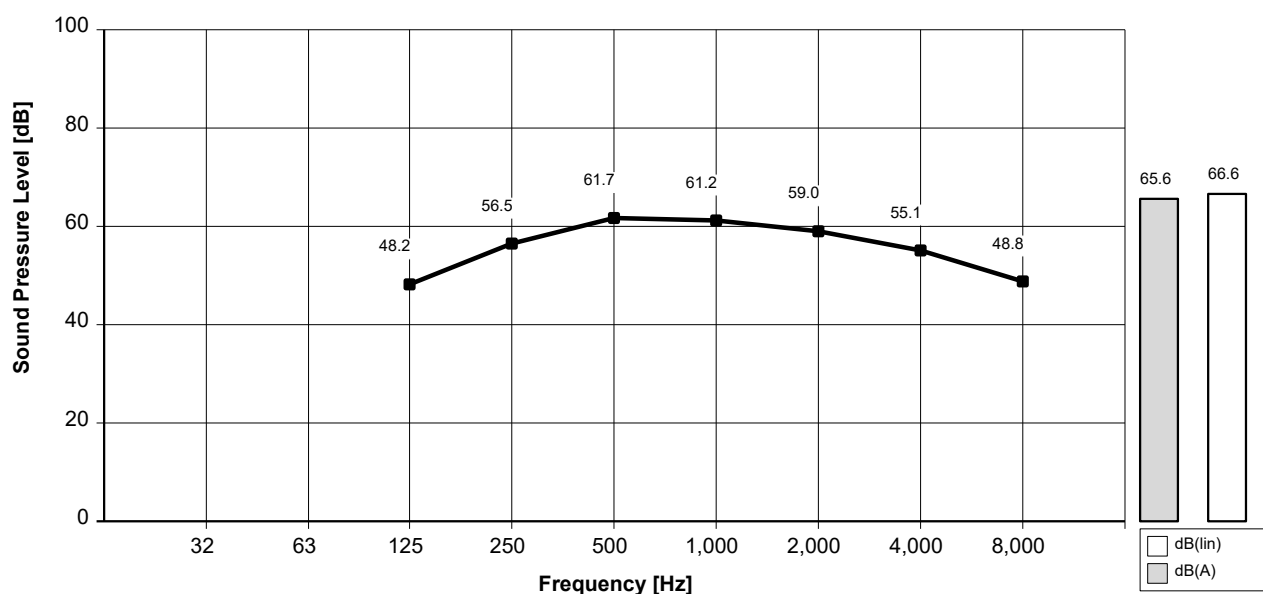
Remarks: The declared noise emission value, does not take production variations and measurement uncertainties into account. The declared value may therefore be up-to 3 dB higher, than the value for the average production unit.

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	61,2	69,5	74,7	74,3	72,0	68,2	61,8	78,6	79,6
Sound Pressure Average at 1m. re: 20 UPa	48,2	56,5	61,7	61,2	59,0	55,1	48,8	65,6	66,6

Sound Pressure calculated according to ISO/DIS 11203 method Q2



Initials: KIR

File no.: LY 30.05.2008

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

Motor type: MGE160LB

Product number: 85901242

Fan diameter: D240 [mm]

P2: 18.5 [kW]

U: 400 [V]

Pole: 2

Frequency: 50 [Hz]

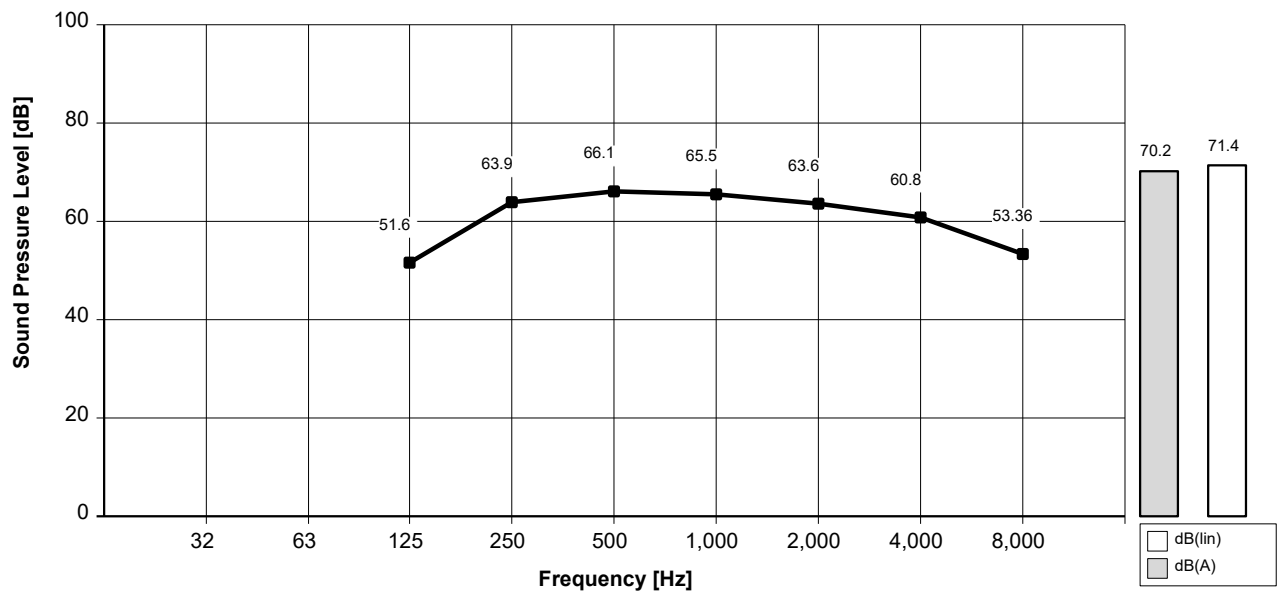
Remarks: The declared noise emission value, does not take production variations and measurement uncertainties into account. The declared value may therefore be up-to 3 dB higher, than the value for the average production unit.

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	64,6	77,0	79,1	78,5	76,6	73,9	66,6	83,3	84,5
Sound Pressure Average at 1m. re: 20 UPa	51,6	63,9	66,1	65,5	63,6	60,8	53,36	70,2	71,4

Sound Pressure calculated according to ISO/DIS 11203 method Q2



Initials: KIR

File no.: LY 30.05.2008