85745806 MGE90SB 50 Hz

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

Motor type: MGE90SB **Product number:** 85745806 **Fan diameter:** D128 **[mm]**

P2: 1.5 **[kW]** **U:** 400 **[V]** **Pole:** 2 **Frequency:** 50 **[Hz]**

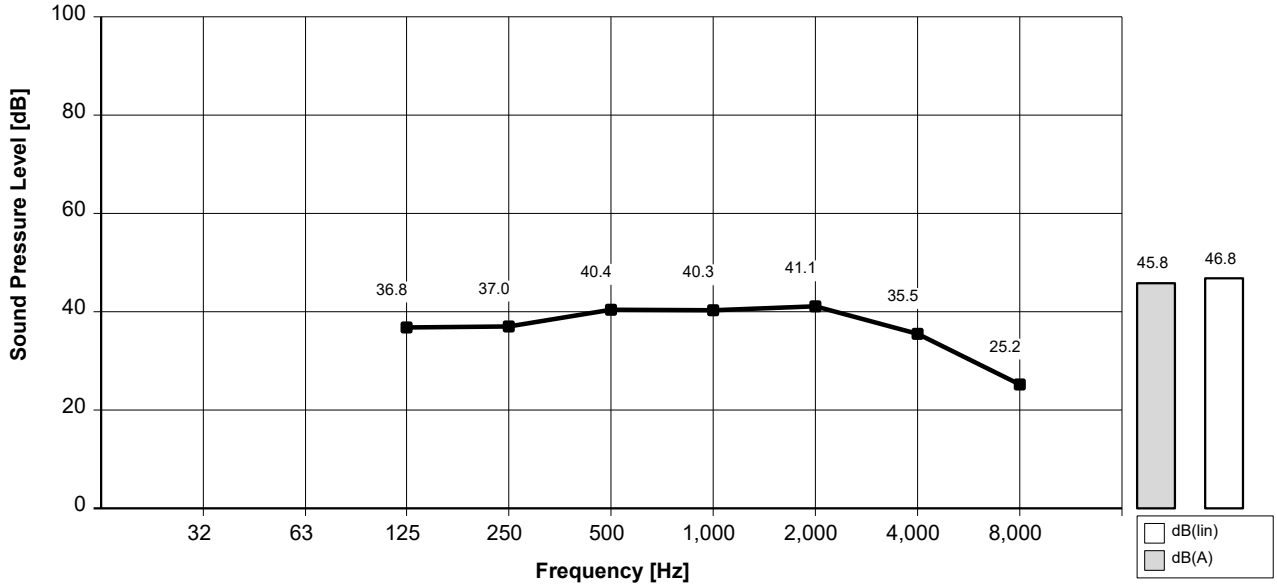
Remarks: The declared noise emission value, does not take production variations and measurement uncertainties into account. The declared value may therefore be up-to 3 dB higher, than the value for the average production unit.

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	48,7	48,9	52,4	52,3	53,0	47,4	37,1	57,8	58,8
Sound Pressure Average at 1m. re: 20 UPa	36,8	37,0	40,4	40,3	41,1	35,5	25,2	45,8	46,8

Sound Pressure calculated according to ISO/DIS 11203 method Q2



Initials: KIR **File no.:** LY05162-03.12.2004

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

Motor type: MGE90SB **Product number:** 85745806 **Fan diameter:** D128 **[mm]**

P2: 1.5 **[kW]** **U:** 400 **[V]** **Pole:** 2 **Frequency:** 50 **[Hz]**

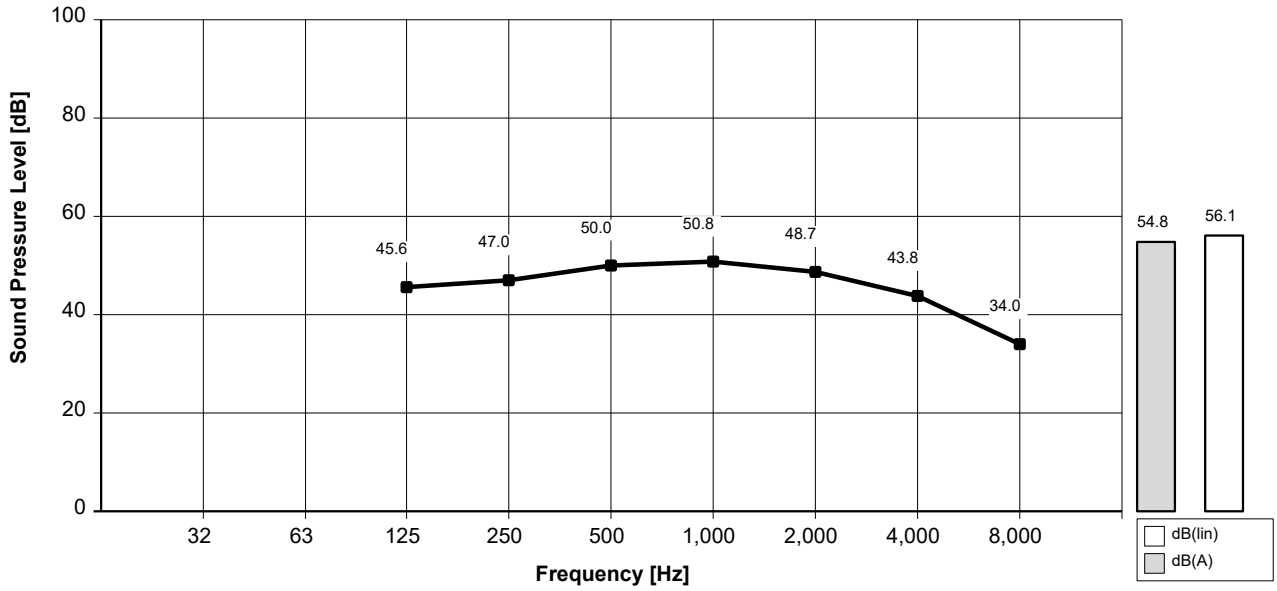
Remarks: The declared noise emission value, does not take production variations and measurement uncertainties into account. The declared value may therefore be up-to 3 dB higher, than the value for the average production unit.

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	57,5	58,9	61,9	62,7	60,7	55,8	45,9	66,8	68,0
Sound Pressure Average at 1m. re: 20 UPa	45,6	47,0	50,0	50,8	48,7	43,8	34,0	54,8	56,1

Sound Pressure calculated according to ISO/DIS 11203 method Q2



Initials: KIR **File no.:** LY05161-03.12.2004

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

Motor type: MGE90SB **Product number:** 85745806 **Fan diameter:** D128 **[mm]**

P2: 1.5 **[kW]** **U:** 400 **[V]** **Pole:** 2 **Frequency:** 50 **[Hz]**

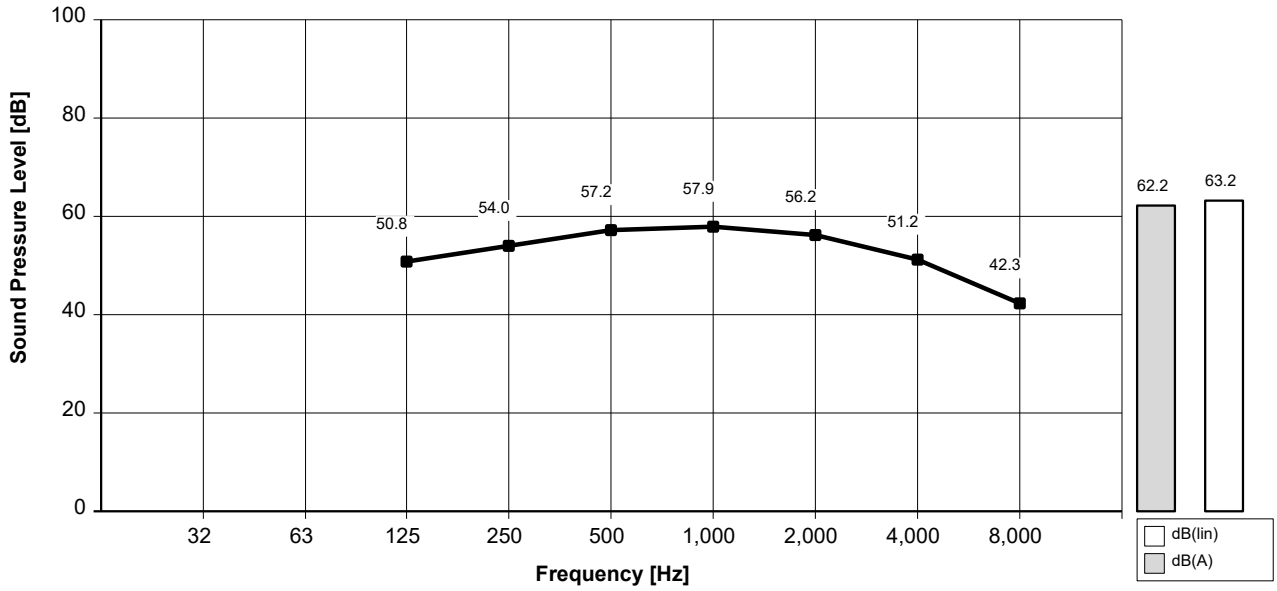
Remarks: The declared noise emission value, does not take production variations and measurement uncertainties into account. The declared value may therefore be up-to 3 dB higher, than the value for the average production unit.

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	62,8	66,0	69,2	69,9	68,2	63,2	54,3	74,1	75,2
Sound Pressure Average at 1m. re: 20 UPa	50,8	54,0	57,2	57,9	56,2	51,2	42,3	62,2	63,2

Sound Pressure calculated according to ISO/DIS 11203 method Q2



Initials: KIR **File no.:** LY05160-03.12.2004

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

Motor type: MGE90SB **Product number:** 85745806 **Fan diameter:** D128 **[mm]**

P2: 1.5 **[kW]** **U:** 400 **[V]** **Pole:** 2 **Frequency:** 50 **[Hz]**

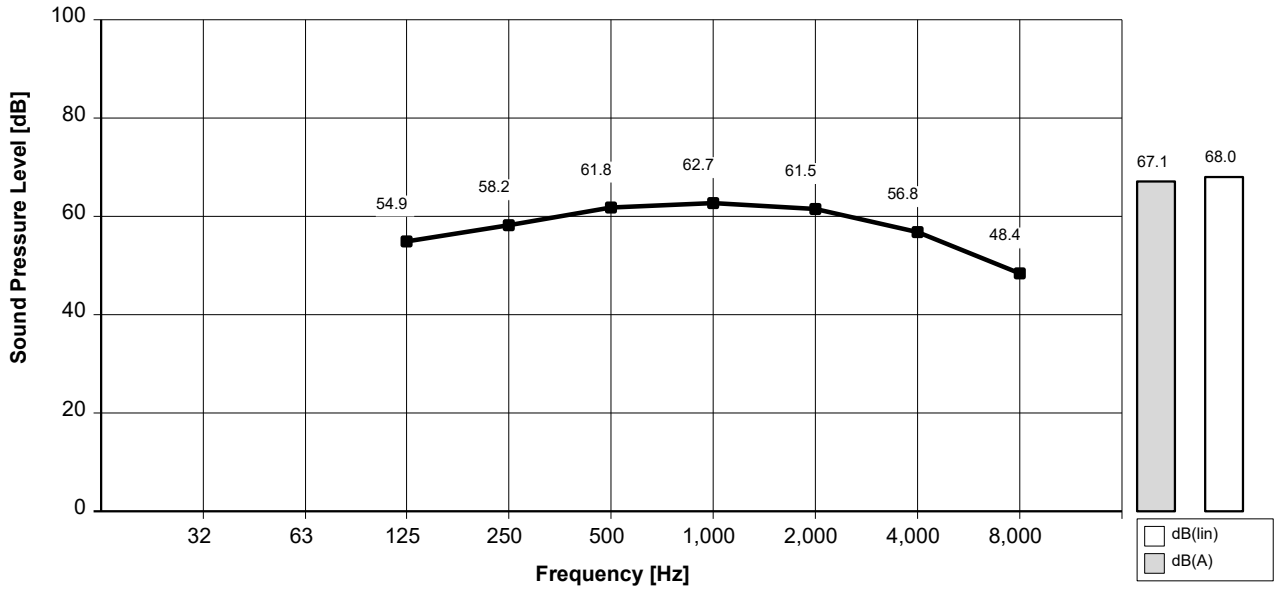
Remarks: The declared noise emission value, does not take production variations and measurement uncertainties into account. The declared value may therefore be up-to 3 dB higher, than the value for the average production unit.

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	66,9	70,1	73,7	74,6	73,5	68,8	60,3	79,1	79,9
Sound Pressure Average at 1m. re: 20 UPa	54,9	58,2	61,8	62,7	61,5	56,8	48,4	67,1	68,0

Sound Pressure calculated according to ISO/DIS 11203 method Q2



Initials: KIR **File no.:** LY05159-03.12.2004