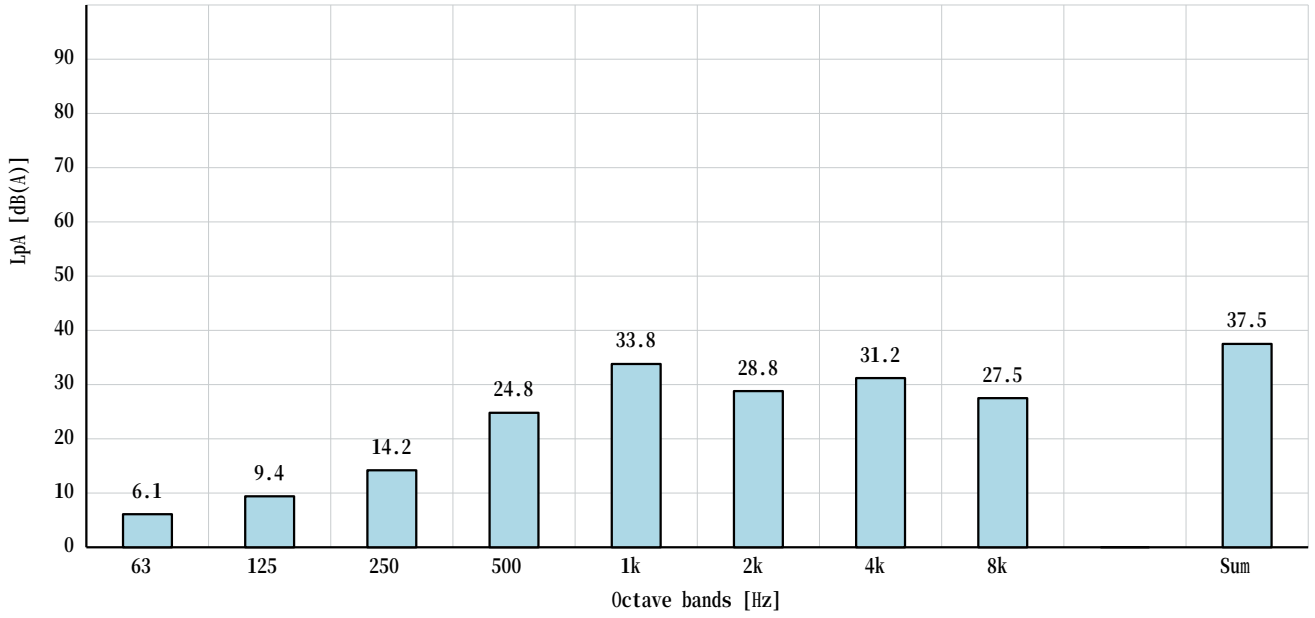
声音测量报告

IS0 3745

目标:	**电机类型:** MGE71A	**电压 (U) :**	3 x 380-500 [V]
		f:	50/60 [Hz]
		P2:	0.37 [千瓦]
		n:	2900 - 4000 [转数／分钟]
测试条件:	Load: No load / Idle	Sound test:	400 [V]
		f:	50 [Hz]
		P2:	0 [千瓦]
		n:	1500 [转数／分钟]

批注:



Sound pressure level L_{pA} : 37.5 [dB(A)]

Sound power level L_{WA} : 49.5 [dB(A)]

Notes:

References:

- •Sound power values L_{WA} determined according to IEC 60034-9, IS0 3745 and IS0 4871. (IEC 60034-9, IS0 3745 & 4871)
  - -Associated uncertainty K_{WA} = 3 [dB(A)] (IEC 60064-9; Clause 8)
  - -“The sum of measured noise emission values and its associated uncertainty represents an upper boundary of the range of values which is likely to occur in measurements”. (IS0 4871; Section B2)
- •Sound power evaluated at rated speed and no load as specified in IEC 60034-9. (IEC 60034; Clause 5.2)
  - -“The sound power levels, under full load condition, are normally higher than those at no-load. Generally, if ventilation noise is predominant the change may be small; but, if the electromagnetic noise is predominant the change may be significant”. (IEC 60034-9; Clause 6, Note 2)
  - -Additionally - as outlined in IEC 60034-9 Amendment 1 - an increase in the noise level may also occur on variable speed drives due to increased level of higher harmonics and potential coincidence between these and structural resonances. (IEC 60034-9 amd 1; Clause 7)
- •The equivalent sound pressure level L_{pA} at 1 m distance are determined from the sound power level via IS0 11203 method Q2 (IEC 60034; Clause 5.2)
  - -The observer surface area S is given by a box shape enveloping the source – and here calculated for a specified distance of 1 m between the source and the observer surface.

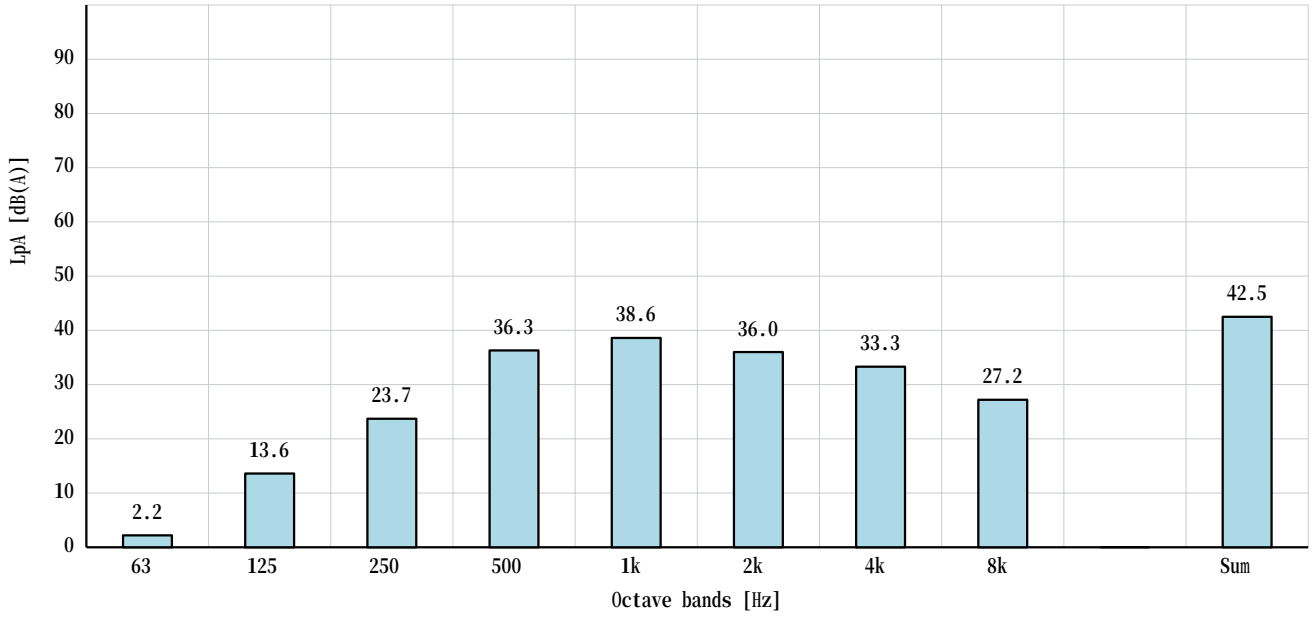
    The emission sound pressure level obtained with this method represents the average sound pressure level over the surface of area S in environmental conditions approximating to a free field over a reflecting plane”. (IS0 11203; Clause 6.2.3)

声音测量报告

ISO 3745

目标:	**电机类型:** MGE71A	**电压 (U) :**	3 x 380-500 [V]
		f:	50/60 [Hz]
		P2:	0.37 [千瓦]
		n:	2900 - 4000 [转数／分钟]
测试条件:	Load: No load / Idle	Sound test:	400 [V]
		f:	50 [Hz]
		P2:	0 [千瓦]
		n:	2250 [转数／分钟]

批注:



Sound pressure level L_{pA} : 42.5 [dB(A)]

Sound power level L_{WA} : 54.5 [dB(A)]

Notes:

References:

- •Sound power values L_{WA} determined according to IEC 60034-9, ISO 3745 and ISO 4871. (IEC 60034-9, ISO 3745 & 4871)
  - Associated uncertainty K_{WA} = 3 [dB(A)] (IEC 60064-9; Clause 8)
  - "The sum of measured noise emission values and its associated uncertainty represents an upper boundary of the range of values which is likely to occur in measurements". (ISO 4871; Section B2)
- •Sound power evaluated at rated speed and no load as specified in IEC 60034-9. (IEC 60034; Clause 5.2)
  - "The sound power levels, under full load condition, are normally higher than those at no-load. Generally, if ventilation noise is predominant the change may be small; but, if the electromagnetic noise is predominant the change may be significant". (IEC 60034-9; Clause 6, Note 2)
  - Additionally - as outlined in IEC 60034-9 Amendment 1 - an increase in the noise level may also occur on variable speed drives due to increased level of higher harmonics and potential coincidence between these and structural resonances. (IEC 60034-9 amd 1; Clause 7)
- •The equivalent sound pressure level L_{pA} at 1 m distance are determined from the sound power level via ISO 11203 method Q2 (IEC 60034; Clause 5.2)
  - The observer surface area S is given by a box shape enveloping the source – and here calculated for a specified distance of 1 m between the source and the observer surface.

    The emission sound pressure level obtained with this method represents the average sound pressure level over the surface of area S in environmental conditions approximating to a free field over a reflecting plane". (ISO 11203; Clause 6.2.3)

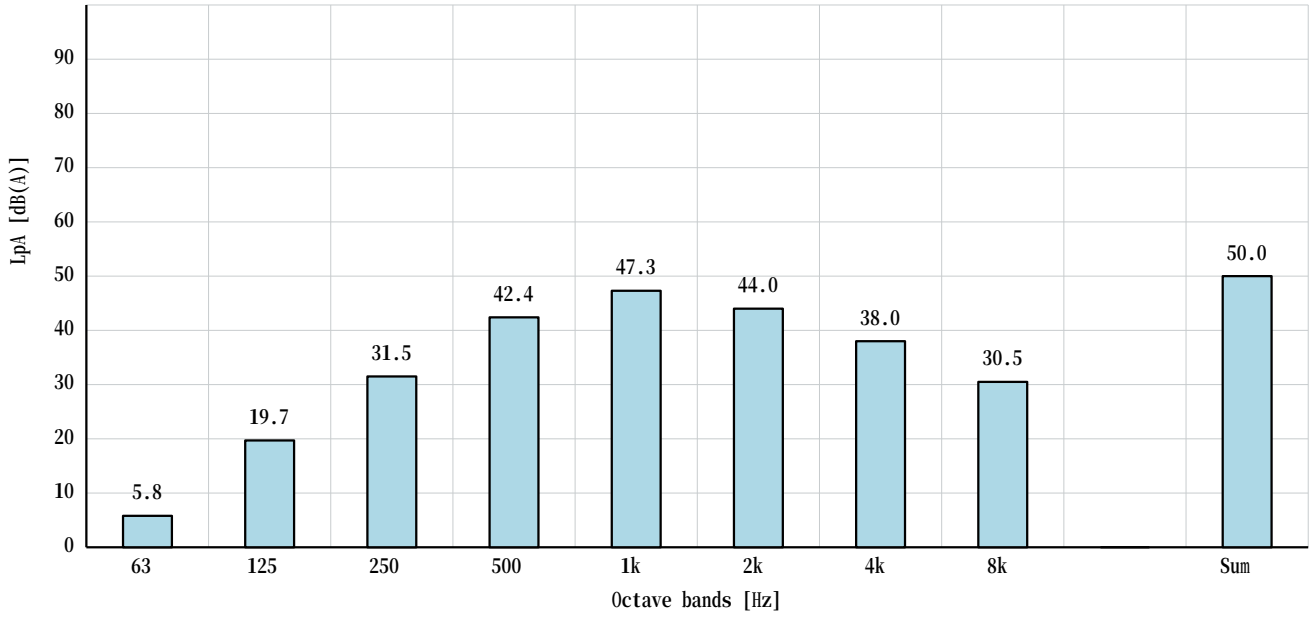
声音测量报告

ISO 3745

目标:	电机类型: MGE71A	电压 (U) :	3 x 380-500 [V]
		f:	50/60 [Hz]
		P2:	0.37 [千瓦]
		n:	2900 - 4000 [转数／分钟]

测试条件:	Load: No load / Idle	Sound test:	400 [V]
		f:	50 [Hz]
		P2:	0 [千瓦]
		n:	3000 [转数／分钟]

批注:



Sound pressure level L_{pA} : 50.0 [dB(A)]

Sound power level L_{WA} : 62.5 [dB(A)]

Notes:

References:

- •Sound power values L_{WA} determined according to IEC 60034-9, ISO 3745 and ISO 4871. (IEC 60034-9, ISO 3745 & 4871)
  - -Associated uncertainty K_{WA} = 3 [dB(A)] (IEC 60064-9; Clause 8)
  - -"The sum of measured noise emission values and its associated uncertainty represents an upper boundary of the range of values which is likely to occur in measurements". (ISO 4871; Section B2)
- •Sound power evaluated at rated speed and no load as specified in IEC 60034-9. (IEC 60034; Clause 5.2)
  - -"The sound power levels, under full load condition, are normally higher than those at no-load. Generally, if ventilation noise is predominant the change may be small; but, if the electromagnetic noise is predominant the change may be significant". (IEC 60034-9; Clause 6, Note 2)
  - -Additionally - as outlined in IEC 60034-9 Amendment 1 - an increase in the noise level may also occur on variable speed drives due to increased level of higher harmonics and potential coincidence between these and structural resonances. (IEC 60034-9 amd 1; Clause 7)
- •The equivalent sound pressure level L_{pA} at 1 m distance are determined from the sound power level via ISO 11203 method Q2 (IEC 60034; Clause 5.2)
  - -The observer surface area S is given by a box shape enveloping the source – and here calculated for a specified distance of 1 m between the source and the observer surface.

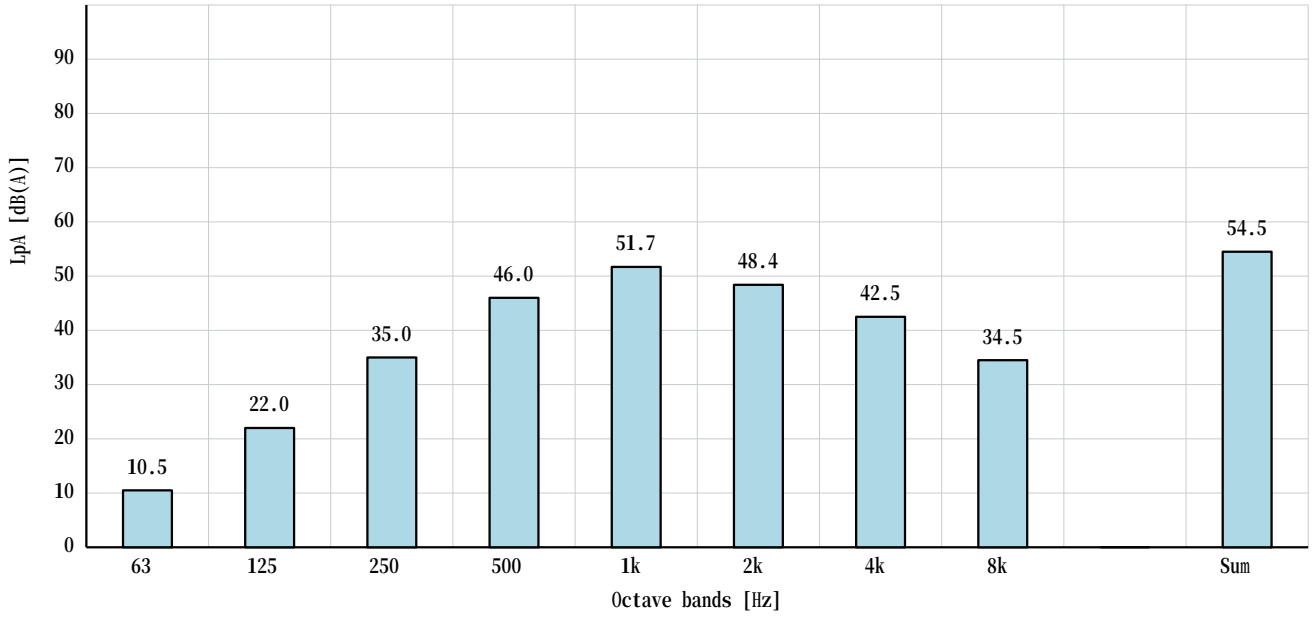
  The emission sound pressure level obtained with this method represents the average sound pressure level over the surface of area S in environmental conditions approximating to a free field over a reflecting plane". (ISO 11203; Clause 6.2.3)

声音测量报告

ISO 3745

目标:	**电机类型:** MGE71A	**电压 (U) :**	3 x 380-500 [V]
		f:	50/60 [Hz]
		P2:	0.37 [千瓦]
		n:	2900 - 4000 [转数／分钟]
测试条件:	Load: No load / Idle	Sound test:	400 [V]
		f:	50 [Hz]
		P2:	0 [千瓦]
		n:	3600 [转数／分钟]

批注:



Sound pressure level L_{pA} : 54.5 [dB(A)]

Sound power level L_{WA} : 66.5 [dB(A)]

Notes:

References:

- •Sound power values L_{WA} determined according to IEC 60034-9, ISO 3745 and ISO 4871. (IEC 60034-9, ISO 3745 & 4871)
  - -Associated uncertainty K_{WA} = 3 [dB(A)] (IEC 60064-9; Clause 8)
  - -"The sum of measured noise emission values and its associated uncertainty represents an upper boundary of the range of values which is likely to occur in measurements". (ISO 4871; Section B2)
- •Sound power evaluated at rated speed and no load as specified in IEC 60034-9. (IEC 60034; Clause 5.2)
  - -"The sound power levels, under full load condition, are normally higher than those at no-load. Generally, if ventilation noise is predominant the change may be small; but, if the electromagnetic noise is predominant the change may be significant". (IEC 60034-9; Clause 6, Note 2)
  - -Additionally - as outlined in IEC 60034-9 Amendment 1 - an increase in the noise level may also occur on variable speed drives due to increased level of higher harmonics and potential coincidence between these and structural resonances. (IEC 60034-9 amd 1; Clause 7)
- •The equivalent sound pressure level L_{pA} at 1 m distance are determined from the sound power level via ISO 11203 method Q2 (IEC 60034; Clause 5.2)
  - -The observer surface area S is given by a box shape enveloping the source – and here calculated for a specified distance of 1 m between the source and the observer surface.

  The emission sound pressure level obtained with this method represents the average sound pressure level over the surface of area S in environmental conditions approximating to a free field over a reflecting plane". (ISO 11203; Clause 6.2.3)

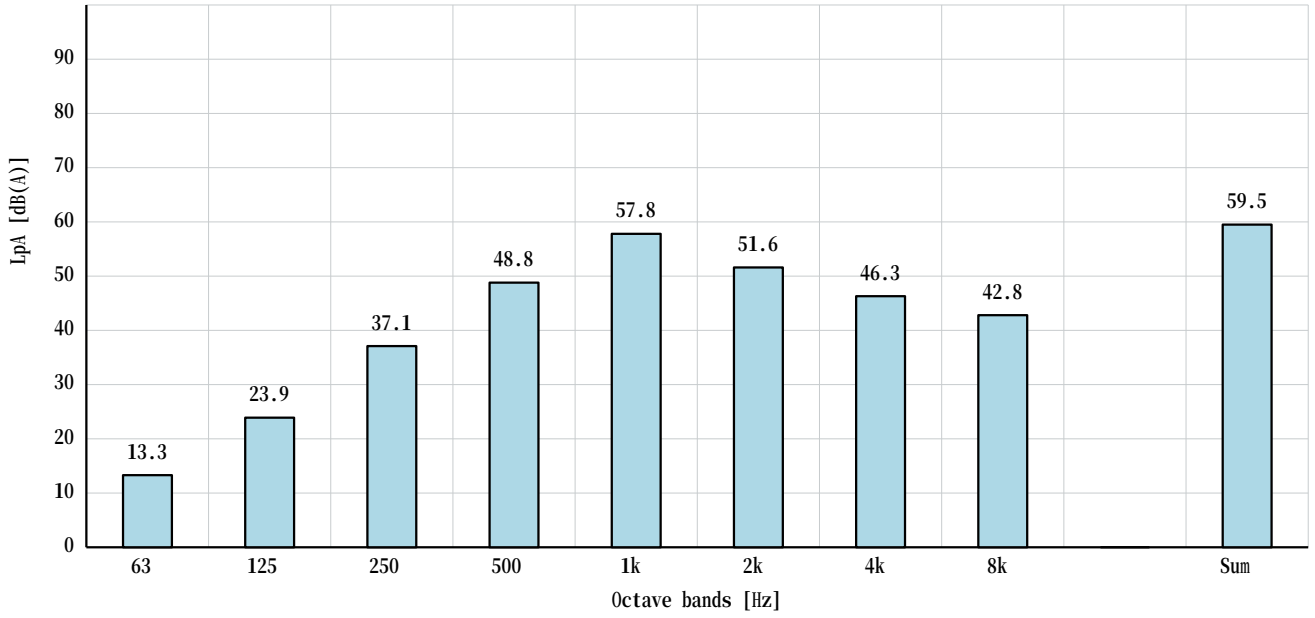
声音测量报告

ISO 3745

目标:	电机类型: MGE71A	电压 (U) :	3 x 380-500 [V]
		f:	50/60 [Hz]
		P2:	0.37 [千瓦]
		n:	2900 - 4000 [转数／分钟]

测试条件:	Load: No load / Idle	Sound test:	400 [V]
		f:	50 [Hz]
		P2:	0 [千瓦]
		n:	4000 [转数／分钟]

批注:



Sound pressure level L_{pA} : 59.5 [dB(A)]

Sound power level L_{WA} : 71.5 [dB(A)]

Notes:

References:

- •Sound power values L_{WA} determined according to IEC 60034-9, ISO 3745 and ISO 4871. (IEC 60034-9, ISO 3745 & 4871)
  - Associated uncertainty K_{WA} = 3 [dB(A)] (IEC 60064-9; Clause 8)
  - "The sum of measured noise emission values and its associated uncertainty represents an upper boundary of the range of values which is likely to occur in measurements". (ISO 4871; Section B2)
- •Sound power evaluated at rated speed and no load as specified in IEC 60034-9. (IEC 60034; Clause 5.2)
  - "The sound power levels, under full load condition, are normally higher than those at no-load. Generally, if ventilation noise is predominant the change may be small; but, if the electromagnetic noise is predominant the change may be significant". (IEC 60034-9; Clause 6, Note 2)
  - Additionally - as outlined in IEC 60034-9 Amendment 1 - an increase in the noise level may also occur on variable speed drives due to increased level of higher harmonics and potential coincidence between these and structural resonances. (IEC 60034-9 amd 1; Clause 7)
- •The equivalent sound pressure level L_{pA} at 1 m distance are determined from the sound power level via ISO 11203 method Q2 (IEC 60034; Clause 5.2)
  - The observer surface area S is given by a box shape enveloping the source – and here calculated for a specified distance of 1 m between the source and the observer surface.

    The emission sound pressure level obtained with this method represents the average sound pressure level over the surface of area S in environmental conditions approximating to a free field over a reflecting plane". (ISO 11203; Clause 6.2.3)