

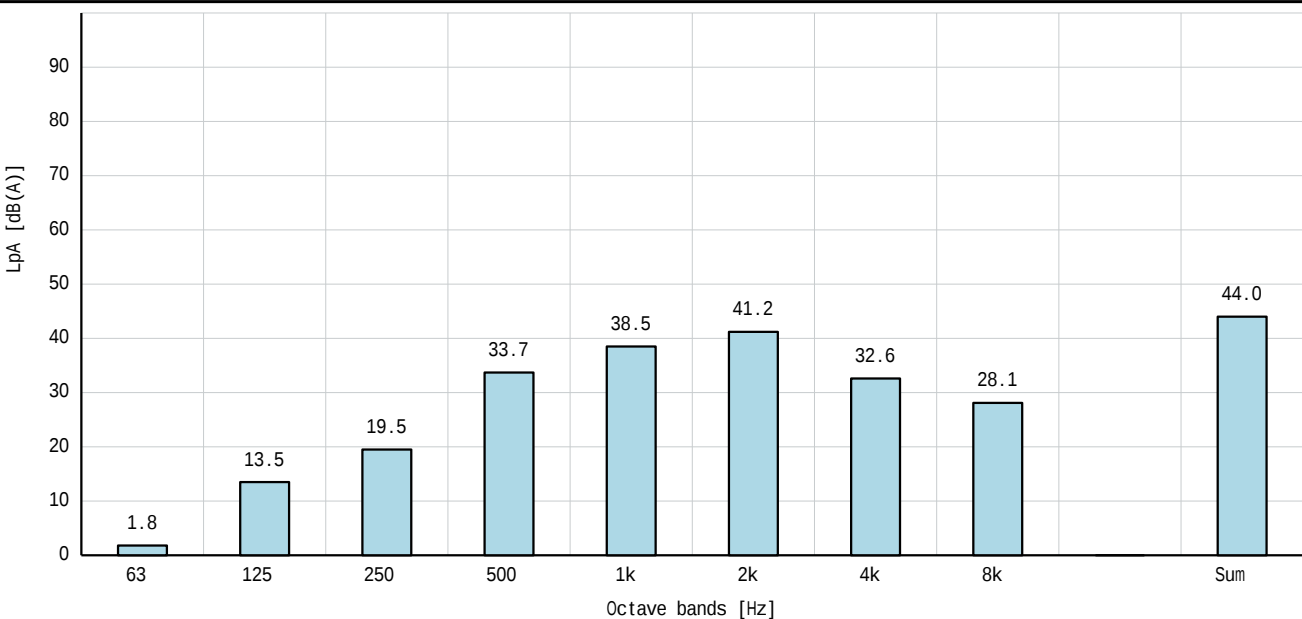
声音测量报告

ISO 3745

目标: 电机类型: MGE90LD 电压 (U): 3 x 380-500 [V]
f: 50/60 [Hz]
P2: 2.2 [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} : 44.0 [dB(A)]

Sound power level L_{WA} : 56.0 [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 and 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)

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		f:	50/60 [Hz]
		P2:	2.2 [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:			

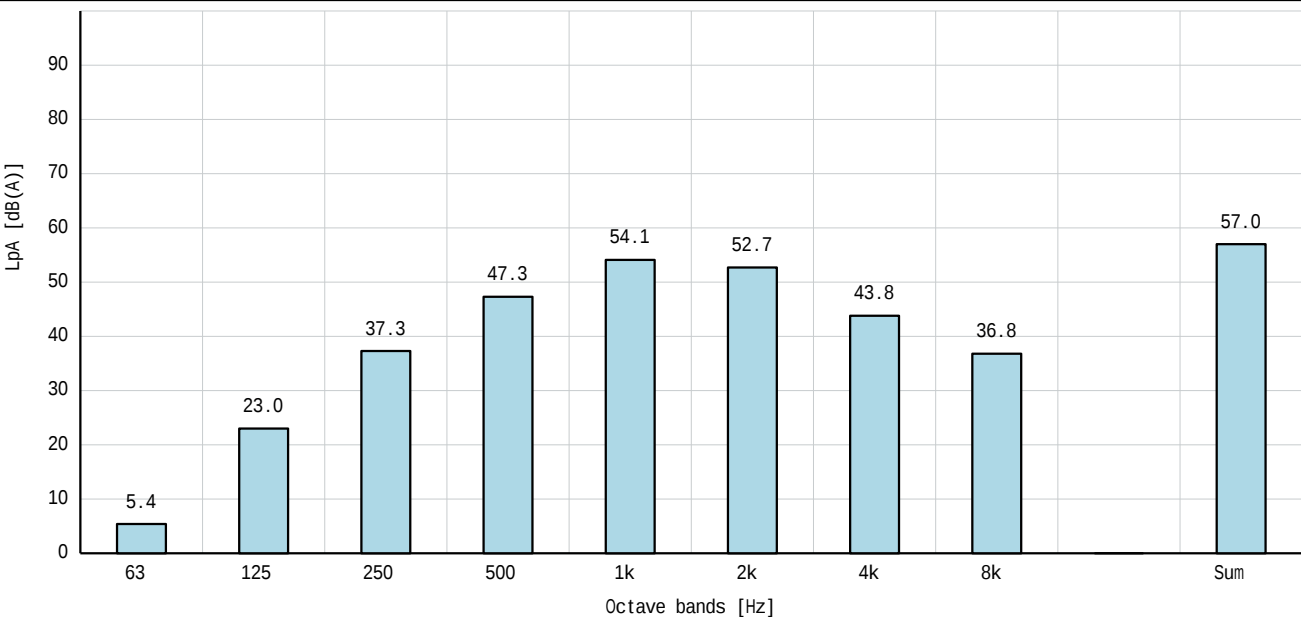
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n: 2900 - 4000 [转数 / 分钟]

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} : 57.0 [dB(A)]

Sound power level L_{WA} : 69.5 [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)
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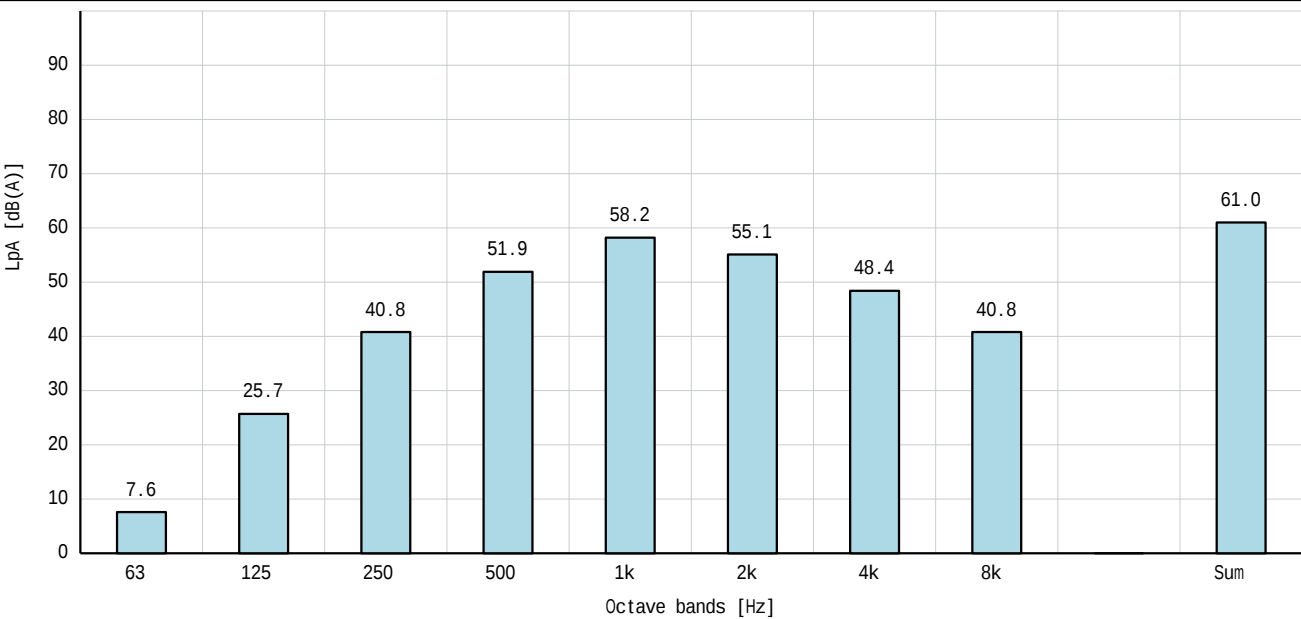
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测试条件: Load: No load / Idle Sound test: 400 [V]
f: 50 [Hz]
P2: 0 [千瓦]
n: 3600 [转数 / 分钟]

批注:



Sound pressure level L_{pA} : 61.0 [dB(A)]

Sound power level L_{WA} : 73.0 [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)
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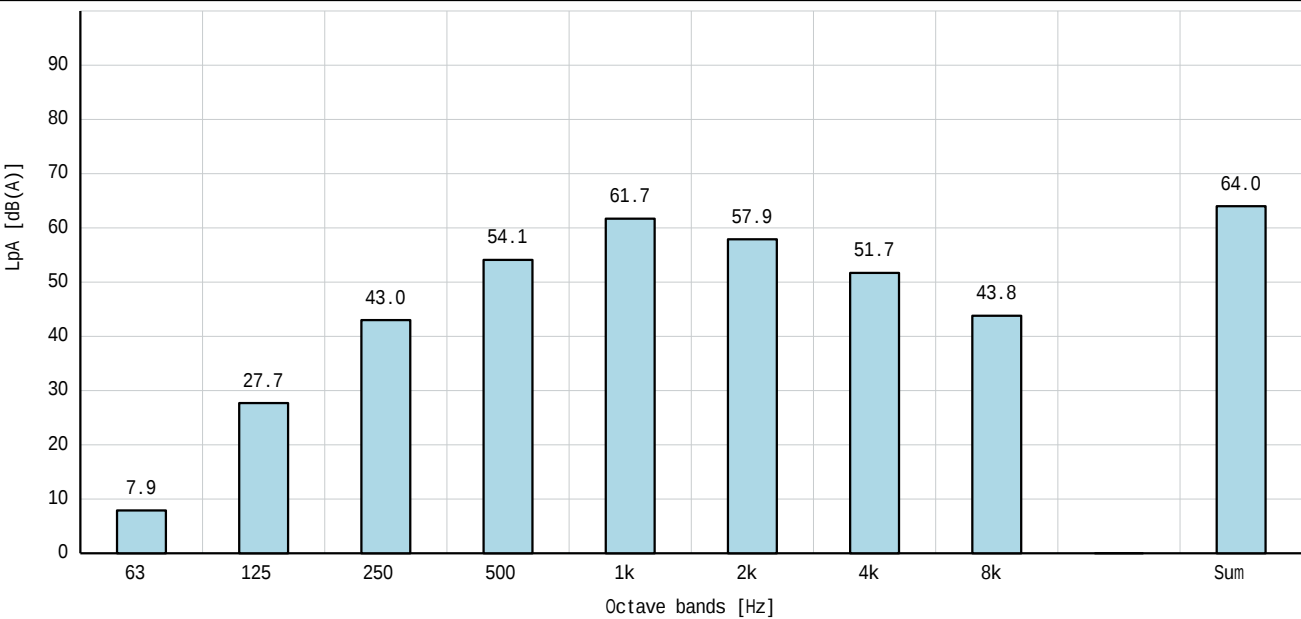
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测试条件： Load: No load / Idle Sound test: 400 [V]
f: 50 [Hz]
P2: 0 [千瓦]
n: 4000 [转数 / 分钟]

批注：



Sound pressure level L_{pA} : 64.0 [dB(A)]

Sound power level L_{WA} : 76.0 [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)
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