声音测量报告 ISO 3745 电压(U): 200-240 [V] 目标: 电机类型: MGE71A 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: 230 [V] f: 50 [Hz] 0 [千瓦] P2 · n: 1500 [转数/分钟] 批注: 90 80 70 [dB(A)] 60 LpA 50 37.5 40 33.8 31.2 28.8 27.5 30 24.8 20 14.2

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

1k

Octave bands [Hz]

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

10

0

6.1

ulletSound power values L $_{W\ A}$ determined according to IEC 60034-9, ISO 3745 and ISO 4871.

250

-Associated uncertainty K $_{WA}$ = 3 [dB(A)]

9.4

125

- "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".

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

500

•Sound power evaluated at rated speed and no load as specified in IEC 60034-9.

- "The sound power levels, under full load condition, are normally higher than those (IEC 60034-9; Clause 6, Note 2)

significant". - 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. ullet The equivalent sound pressure level L $_{
m pA}$ at 1 m distance are determined from the sound power level via ISO 11203 method Q2

- 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

References:

8k

(IEC 60034-9, ISO 3745 & 4871)

(IEC 60064-9; Clause 8)

(ISO 4871; Section B2)

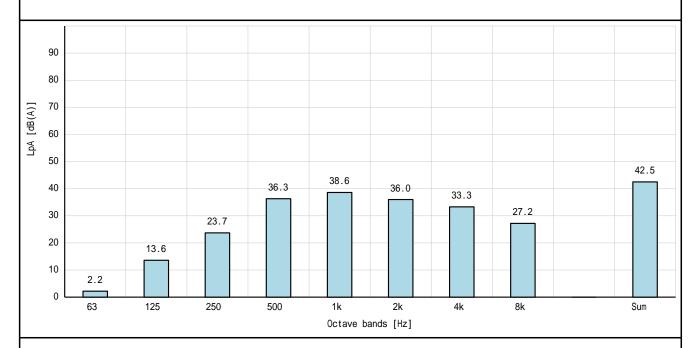
(IEC 60034; Clause 5.2)

(IEC 60034-9 amd 1; Clause 7)

(IEC 60034; Clause 5.2)

ISO 3745						
目标:	电机类型: MGE71A	电压(U): f:	200-240 50/60			
		P2:		. ; [千瓦]		
		n:	2900 - 4000	[转数 / 分钟]		
测试条件:	Load: No load / Idle	Sound test:	230	[V]		
		f:		[Hz]		
		P2:		[千瓦]		
		n:		[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 $_{\rm W\ A}$ determined according to IEC 60034-9, ISO 3745 and ISO 4871.

(IEC 60064-9; Clause 8)

(IEC 60034-9, ISO 3745 & 4871)

-Associated uncertainty K $_{WA}$ = 3 [dB(A)]

(ISO 4871; Section B2)

- "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".

(IEC 60034; Clause 5.2)

•Sound power evaluated at rated speed and no load as specified in IEC 60034-9.

- "The sound power levels, under full load condition, are normally higher than those (IEC 60034-9; Clause 6, Note 2)

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 amd 1; Clause 7)

- 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.

.._.

 ${ullet}$ The equivalent sound pressure level L $_{\rm pA}$ 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.

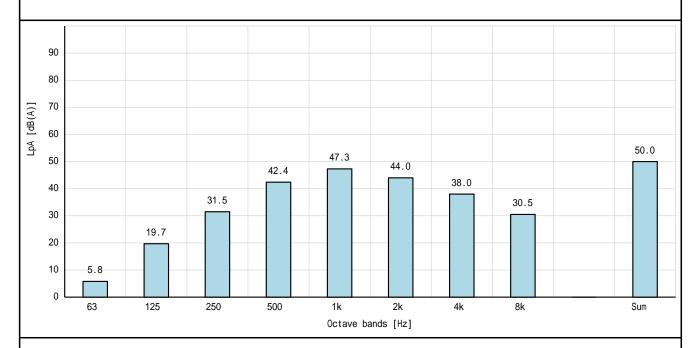
observer surface.

The emission sound pressure level obtained with this method represents the

ISO 3745					
目标:	电机类型: MGE71A	电压(U): f: P2: n:	200-240 [V] 50/60 [Hz] 0.37 [千瓦] 2900 - 4000 [转数/分钟]		
测计多件:	Loods No Lood / Idlo	Cound toot:	220 [1/]		

测试条件: Sound test: Load: No load / Idle 230 [V] f: 50 [Hz] 0 [千瓦] P2 · n: 3000 [转数/分钟]

批注:



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

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

References:

ulletSound power values L $_{W\ A}$ determined according to IEC 60034-9, ISO 3745 and ISO 4871.

(IEC 60064-9; Clause 8)

-Associated uncertainty K $_{WA}$ = 3 [dB(A)]

(ISO 4871; Section B2)

- "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".

(IEC 60034; Clause 5.2)

•Sound power evaluated at rated speed and no load as specified in IEC 60034-9.

- "The sound power levels, under full load condition, are normally higher than those (IEC 60034-9; Clause 6, Note 2)

(IEC 60034-9, ISO 3745 & 4871)

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 amd 1; Clause 7)

- 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.

 ullet The equivalent sound pressure level L $_{
m pA}$ 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

1.50	2715
130	3745

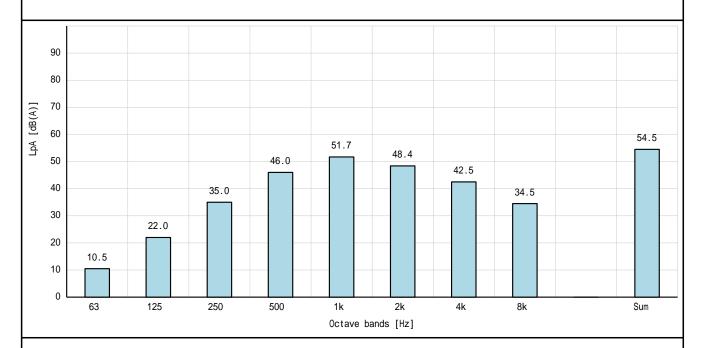
200-240 [V] 电机类型: MGE71A 电压(U): f: 50/60 [Hz]

P2: 0.37 [千瓦] n: 2900 - 4000 [转数 / 分钟]

230 [V] 测试条件: Load: No Load / Idle Sound test:

f: 50 [Hz] 0 [千瓦] P2 · n: 3600 [转数/分钟]

批注:



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

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

References:

ulletSound power values L $_{W\ A}$ determined according to IEC 60034-9, ISO 3745 and ISO 4871.

(IEC 60064-9; Clause 8)

(IEC 60034-9, ISO 3745 & 4871)

-Associated uncertainty K $_{WA}$ = 3 [dB(A)]

observer surface.

(ISO 4871; Section B2)

- "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".

•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 (IEC 60034-9; Clause 6, Note 2) 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". - 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)

 ullet The equivalent sound pressure level L $_{
m pA}$ 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

The emission sound pressure level obtained with this method represents the average sound pressure level over the surface of area S in environmental

IS0	3745
100	3173

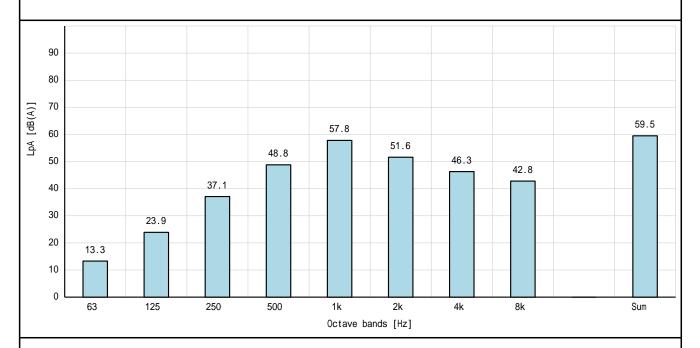
200-240 [V] 电机类型: MGE71A 电压(U): f: 50/60 [Hz]

P2: 0.37 [千瓦] n: 2900 - 4000 [转数 / 分钟]

230 [V] 测试条件: Load: No Load / Idle Sound test:

f: 50 [Hz] 0 [千瓦] P2 · 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)]

ulletSound power values L $_{W\ A}$ determined according to IEC 60034-9, ISO 3745 and ISO (IEC 60034-9, ISO 3745 & 4871) 4871.

-Associated uncertainty K $_{WA}$ = 3 [dB(A)]

- "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".

•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 (IEC 60034-9; Clause 6, Note 2)
- 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".
- 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.
- ullet The equivalent sound pressure level L $_{
 m pA}$ at 1 m distance are determined from the sound power level via ISO 11203 method Q2
 - 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

(ISO 11203; Clause 6.2.3)

(IEC 60034; Clause 5.2)

(IEC 60034-9 amd 1; Clause 7)

References:

(IEC 60064-9; Clause 8)

(ISO 4871; Section B2)