#### ISO 3745 电压(U): 3 x 380-500 [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: 400 [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 9.4 10 6.1 0 125 250 500 1k 8k Octave bands [Hz] Sound pressure level $L_{pA}$ : 37.5 [dB(A)] $L_{WA}$ : 49.5 [dB(A)] Sound power level References: 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)] (IEC 60064-9; Clause 8) - "The sum of measured noise emission values and its associated uncertainty (ISO 4871; Section B2) represents an upper boundary of the range of values which is likely to occur in measurements".

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

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

(IEC 60034; Clause 5.2)

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.

(IEC 60034; Clause 5.2)

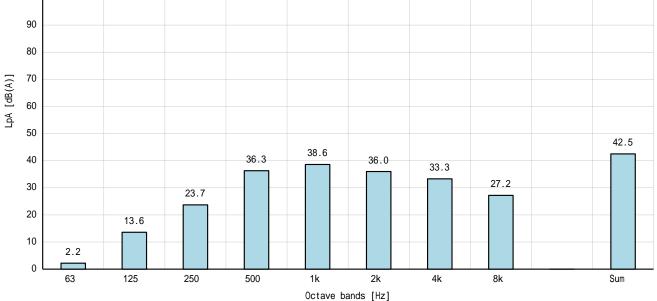
 ${}^{ullet}$  The equivalent sound pressure level L  $_{
m pA}$  at 1 m distance are determined from the sound power level via ISO 11203 method Q2

- 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)

## ISO 3745 电压(U): 3 x 380-500 [V] 目标: 电机类型: MGE71A f: 50/60 [Hz] P2: 0.37 [千瓦] n: 2900 - 4000 [转数 / 分钟] 400 [V] 测试条件: Load: No Load / Idle Sound test: f: 50 [Hz] 0 [千瓦] P2 · n: 2250 [转数/分钟] 批注: 90 80



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

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

References:

ulletSound power values L  $_{W\ A}$  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) (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  $_{
m pA}$  at 1 m distance are determined from the sound power level via ISO 11203 method Q2

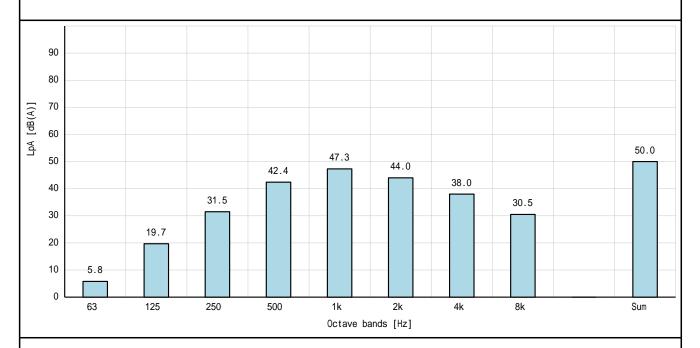
(IEC 60034; Clause 5.2)

- 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

ISO 3745					
目标:	电机类型: MGE71A	电压(U): f: P2: n:			
测试条件:	Load: No load / Idle	Sound test: f: P2: n:	0	[V] [Hz] [千瓦] [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)

(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 may also occur on variable speed drives due to increased level of higher harmonics and potential coincidence between these and structural resonances.

(IEC 60034; Clause 5.2)

 ${}^{ullet}$  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.

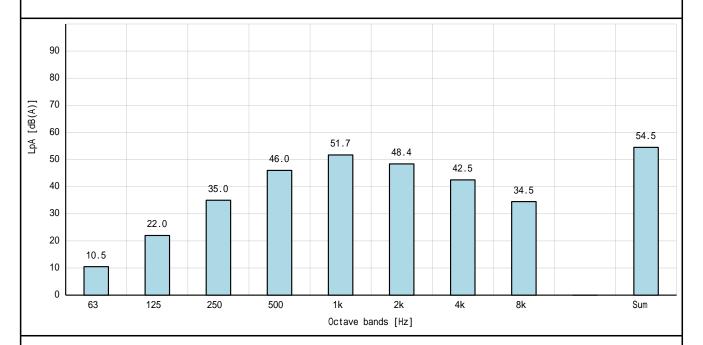
The emission sound pressure level obtained with this method represents the

(ISO 11203; Clause 6.2.3)

ISO 3745					
目标:	电机类型: MGE71A	电压(U): f: P2: n:	3 x 380-500 [V] 50/60 [Hz] 0.37 [千瓦] 2900 - 4000 [转数 / 分钟]		
7011-4-7 /L		0 1	400 11/1		

测试条件: Load: No load / Idle Sound test: 400 [V] 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.

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

(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".

at no-load. Generally, if ventilation noise is predominant the change may be

(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)

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

(IEC 60034-9 amd 1; Clause 7)

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; Clause 5.2)

 ${}^{ullet}$  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.

(ISO 11203; Clause 6.2.3)

The emission sound pressure level obtained with this method represents the

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100	3173

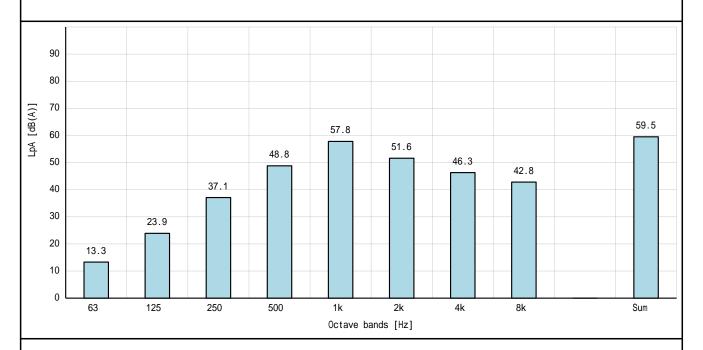
3 x 380-500 [V] 目标: 电机类型: MGE71A 电压(U): f: 50/60 [Hz]

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

400 [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)]

4871.

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

(IEC 60064-9; Clause 8)

-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".

(ISO 4871; Section B2)

(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". - 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 observer surface.

(ISO 11203; Clause 6.2.3)