#### ISO 3745 电压(U): 3 x 380-500 [V] 目标: 电机类型: MGE80A f: 50/60 [Hz] P2: 0.75 [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". (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

(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  $_{\rm pA}$  at 1 m distance are determined from the sound power level via ISO 11203 method Q2

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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.

声音测量报告									
				ISO 374	45				
目标: 电机类型: MGE80A			f: P2:		50/60 0.75	3 x 380-500 [V] 50/60 [Hz] 0.75 [千瓦] 2900 - 4000 [转数 / 分钟]			
测试条件: Load: No load / Idle			Sound test: f: P2: n:		0	[V] [Hz] [千瓦] [转数 / 分钟]			
批注:									
9 8 [(Y)gp] ydd 5 4 3 2 1	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	23.7 250	36.3 500		36.0 2k pands [Hz]	33.3 4k	27.2		42.5 Sum
		Sound pres							
487 - - •Soun	d power values L WA  11.  Associated uncertainty  "The sum of measured represents an upper measurements".  d power evaluated at ra  "The sound power leve at no-load. General small; but, if the significant".  Additionally - as outl	K W A = 3 [dB noise emission boundary of the ated speed and ls, under full ly, if ventila electromagnetic ined in IEC 60 r on variable s	(A)] values and he range of no load as load condit tion noise i c noise is p	its associated is specified is predominated or an are not a control or an are not a control or an are not a control or an are to incominant are not a control or an are not a control or an are not a control or a control o	ated uncerta ch is likely in IEC 60034 ormally high ant the chan the change increase in creased leve	inty to occur  -9. er than the ge may be may be the noise I of highe	(IEC 6003) (IEC 6003) (IEC 6003)	84-9, ISO 374 84-9; Clause I; Section B2 84; Clause 5.	8) 2) 2) 6, Note 2)

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".

-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

sound power level via ISO 11203 method Q2

observer surface.

harmonics  $\,$  and potential coincidence between these and structural resonances. •The equivalent sound pressure level L  $_{\rm pA}$  at 1 m distance are determined from the

(IEC 60034; Clause 5.2)

#### ISO 3745 电压(U): 3 x 380-500 [V] 目标: 电机类型: MGE80A f: 50/60 [Hz] P2: 0.75 [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: 3000 [转数/分钟] 批注: 90 80 70 [dB(A)] 60 LpA 50.0 47.3 50 44.0 42.4 38.0 40 31.5 30.5 30 19.7 20 10 5.8 0 63 125 250 500 1k 8k Octave bands [Hz] Sound pressure level $L_{pA}$ : 50.0 [dB(A)]

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

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

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

- measurements". - "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

References:

(IEC 60034-9, ISO 3745 & 4871)

(IEC 60064-9; Clause 8)

(ISO 4871; Section B2)

(IEC 60034; Clause 5.2)

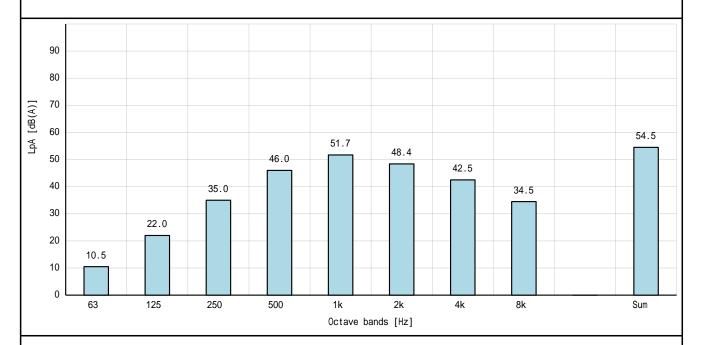
(IEC 60034-9 amd 1; Clause 7)

(IEC 60034; Clause 5.2)

ISO 3745							
目标:	电机类型: MGE80A	电压(U): f: P2: n:	3 x 380-500 [V] 50/60 [Hz] 0.75 [千瓦] 2900 - 4000 [转数 / 分钟]				
测试条件:	Load: No load / Idle	Sound test:	400 [V]				

50 [Hz] P2: 0 [千瓦] 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)

-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".

•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".

(IEC 60034-9 amd 1; Clause 7)

(IEC 60034-9, ISO 3745 & 4871)

- 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

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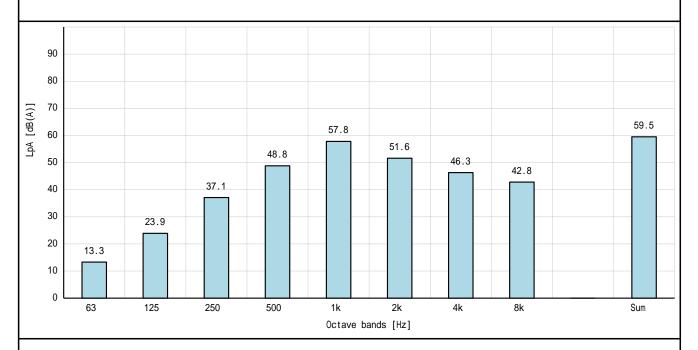
3 x 380-500 [V] 目标: 电机类型: MGE80A 电压(U): f: 50/60 [Hz]

P2: 0.75 [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: 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 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.

- "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

References:

(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)