

# 85U17526 MG160MD 50 Hz

## Vibration Measurement Report

### Mechanical vibration measurement according to IEC 60034-14

Motor type: MG160MD

Product number: 85U17526

Fan diameter: D210 [mm]

P2: 15 [kW]

U: 400 [V]

Pole: 2

Frequency: 50 [Hz]

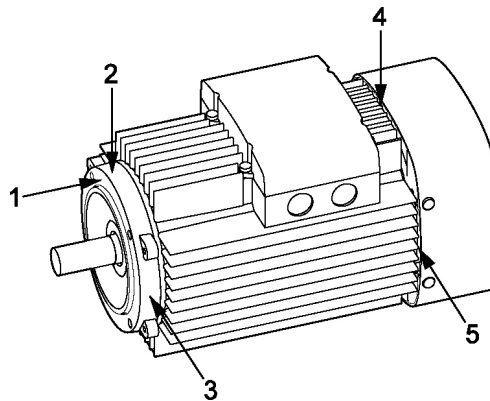
**Remark:** According to IEC 60034-14 the motor is tested at no load with all supply quantities at their rated value

**Measuring equipment:** SVANTEK, SVAN 958

**Measuring method:**

**Mounting:** Free suspension

Measuring point	[mm/s] RMS
1	0,30
2	0,70
3	0,60
4	0,60
5	0,65



Measuring points as indicated on the drawing

## Limits of vibration severity

Limits of maximum vibratio velocity from IEC 60034-14				
Vibration grade	Mounting	Frame size H in [mm]		
		56 <= H <= 132	132 < H <= 280	280 < H
A	Free suspension	1,6	2,2	2,8
	Rigid mounting	1,3	1,8	2,3
B	Free suspension	0,7	1,1	1,8
	Rigid mounting	--	0,9	1,5
		[mm/s] RMS		

Grade 'A' applies to machines with no special vibration requirements

Grade 'B' applies to machines with special vibration requirements

**Initials:** BAO

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