Technical Parameters

Electro-dynamic Shaker

Standard Model - DC Series (Water-cooled)

MAV series system is widely used in automobile manufacturing, transportation, oil mining/transportation and other industries. It has the advantages of simulating realistic environment, improving work efficiency easy to complex tests, such as temperature, humidity, vibration combined tests.

Features

- Hydrostatic integration vibration coupling technology.
- Masses of the moving elements in each axis are basically equal. Large displacement, small interfering with each other axis.
- Integration design, shakers are mounted on a base.
- The base has air springs, which doesn't need the foundation.
- Automatic static and dynamic armature centering.
- Shakers, amplifiers, oil source, gas source are protected through linked action.

Model	Max. Working Frequency (Hz)	Sine Force (kN)(Per. Axis)	Random Force (kNrms)(Per.Axis)	Max. Velocity (m/s)
MAV-3-2000H	2000	19.6	13.72	1.2
MAV-3-2000M	500	19.6	13.72	1.2
MAV-3-2000L	200	19.6	9.8	1.2
MAV-3-3000H	2000	29.4	20.58	1.1
MAV-3-3000M	500	29.4	14.7	1.1
MAV-3-3000L	200	29.4	14.7	1.1

Note:

1. The letter (H, M or L) in the system model means the size of the working table.
   H: Working Table Size is smaller than 500mm×500mm
   M: Working Table Size is larger than 500mm×500mm, but smaller than 800mm×800mm
   L: Working Table Size is larger than 800mm×800mm
2. Parameters are subject to change upon request.

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