

Passive Vibration - isolation Composite Mount of Spring & Damper

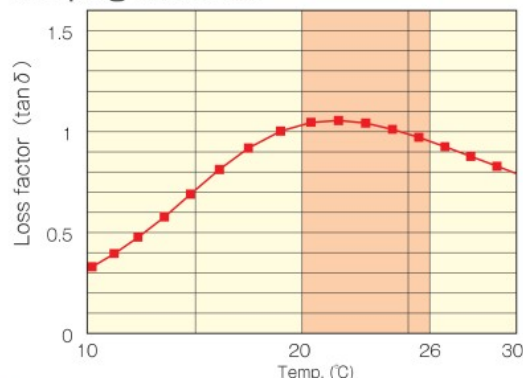
Features

- Easy to use
- No air lines required
- No maintenance

RoHS

Attention to use

The temperature dependence of damping materials



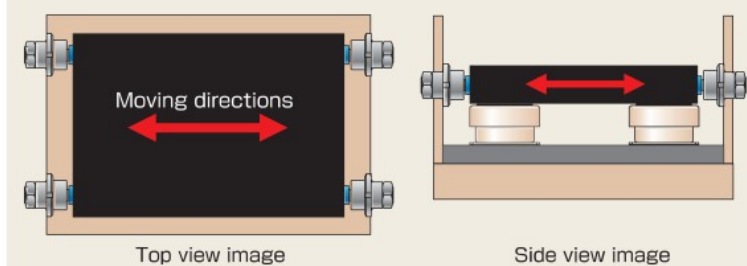
- Please attention to use in 23±3°C temperature environment, in order to get full performance of the Compo Mount vibration isolator.
- Please to work slowly and silently, when set the machinery on the Compo Mount vibration isolator.
- ⚠ Caution : Please attention falling shock.

Options

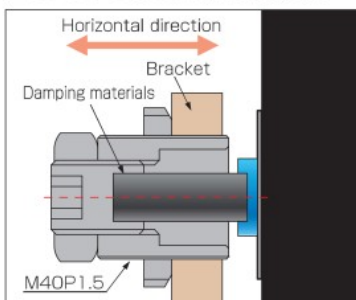
Adjustable dampers

The Damping control system is built in the original damping material [SHDR]. The Compo Mount has effective working tack time that will be stored quickly its horizontal vibrations, caused by set on the side surface of the Linear motion stage.

Installation image diagram



CD-15 conceptual diagram



CD-15 Appearance



Specifications

| Product number | Static spring constant | | Payload (N) | Vibration isolation performance | Dimensions (mm) |
|----------------|------------------------|---------|--------------------------------------|---|-----------------|
| | (N/mm) | (kg/mm) | | | |
| KSC- 60A | 74 | 8 | 60±10kg | Natural frequency | |
| KSC- 80A | 98 | 10 | 80±10kg | Vertical About 9Hz Horizontal 2.5±0.5Hz | |
| KSC- 100A | 123 | 13 | 100±25kg | Resonance peak | |
| KSC- 150A | 184 | 19 | 150±25kg | Vertical Below 8dB Horizontal Below 15dB | |
| KSC- 200A | 245 | 25 | 200±25kg | Natural frequency | |
| KSC- 250A | 306 | 31 | 250±25kg | Vertical About 7Hz Horizontal 2.0±0.5Hz | |
| KSC- 300A | 368 | 38 | 300±25kg | Resonance peak | |
| KSC- 400B | 357 | 36 | 400 ⁺⁵⁰ ₋₇₅ kg | Vertical Below 8dB Horizontal Below 15dB | |
| KSC- 500B | 446 | 45 | 500±50kg | Natural frequency | |
| KSC- 600B | 535 | 55 | 600±50kg | Vertical About 7Hz Horizontal 2.0±0.5Hz | |
| KSC- 700B | 624 | 64 | 700±50kg | Resonance peak | |
| KSC- 800B | 713 | 73 | 800±50kg | Vertical Below 8dB Horizontal Below 15dB | |
| KSC- 900B | 802 | 82 | 900±50kg | | |
| KSC-1000B | 892 | 91 | 1000±50kg | | |

● Temperature ranges of performance guarantees : 23±3°C ● Names of parts ① Upper case ② Lower case ③ Base plate ④ Rubber sheet