

RoHS Compliant

**NBK®**

No.E-9923

## Vibration Isolation Mounts (Lightweight Type)

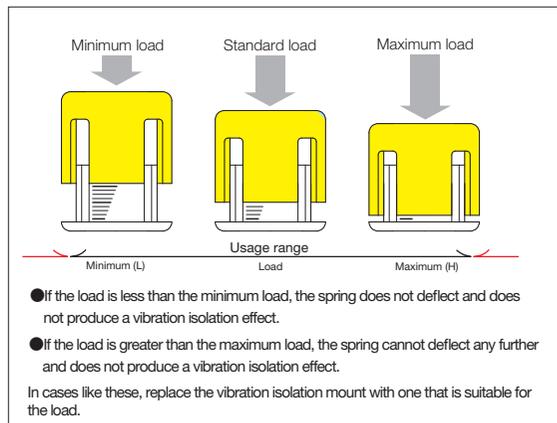
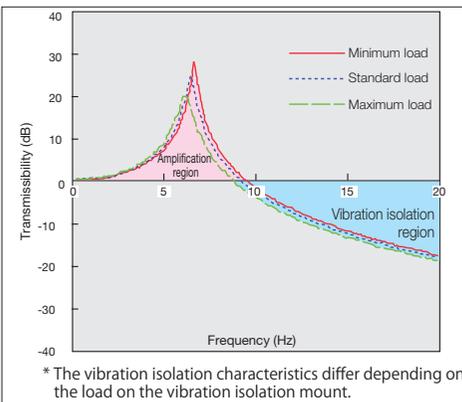
**Material** Upper and lower cases: ABS resin Spacer: ABS resin  
Spring: SWP-A Screw part: Brass  
Vibration isolation material: Viscoelastic material

- Vibration isolation mount for lightweight loads. Can be used with lightweight loads starting from 300 g which could not be handled by conventional vibration isolation mounts.
- Provides vibration isolation from the low frequency range from 9 Hz horizontal/10 Hz vertical.
- Uses metal springs with a spring constant approximately 1/10th of rubber and gel-based vibration isolation material, to give a low resonant frequency.
- Surging, which can become a problem with metal springs, is suppressed using a viscoelastic material.
- Offers 3-axis vibration isolation. The vibrations produced by equipment such as motors are not limited to the vertical direction. The vibrations have horizontal and vertical components.
- Offers high vibration isolation performance in the horizontal direction, the same as the vertical direction.
- Has used load range indicators on the outer case, allowing you to check the suitability. Vibration isolation mounts provide a vibration isolation effect when used within the designated load range. You can check visually whether the load is sitting as designed.

### Specifications

Order No.	No.	Main Body Color (Upper Case)	Allowable Load (N)	Spring Constant N/mm ± 10%	Usable Frequencies Hz (Horizontal/Vertical Directions)	Vibration Transmissibility (30 Hz or higher)	Recommended Usage Temperature (°C)	Weight (g)
978840	BML03	Gray	2.1 - 4.4	0.29	9.0 - 10.0 -	Tr=1/20	20 - 28	20
978841	BML05	Yellow	3.5 - 7.3	0.49				
978842	BML10	Blue	6.9 - 14.0	0.98				
978843	BML25	Red	15.0 - 30.0	20.6				
978844	BML50	Green	31.0 - 64.0	4.31				

### Vibration isolation characteristics depending on load: Vertical direction



Jig Set-up Systems (Q-lock)

Base Elements

Clamp Units

Clamping Parts

Mechanical Parts

Machine Vises

Surface Plates and Measurement Instruments

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