



# FUJIKURA COMPOSITES

## "FPM" series

Passive

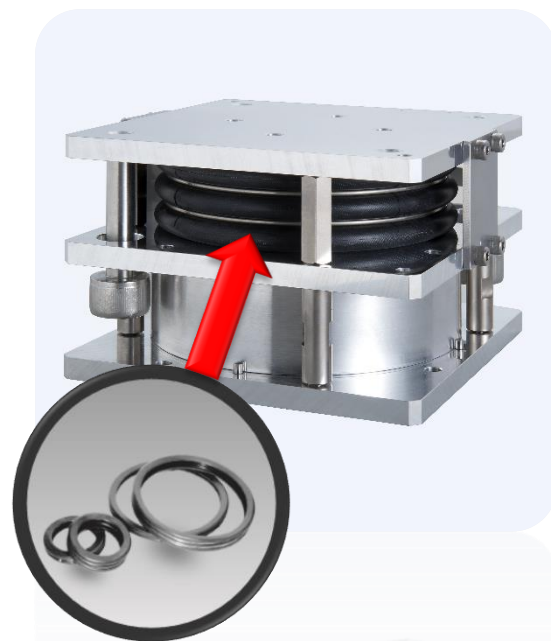
Passive type anti-vibration table "FPM series" adopt our bellows type air spring.  
It realized high vibration isolation characteristics and thin profile.

### ■ Features

-By applying our bellows rubber to the vibration isolation table, we not only have high vibration isolation characteristics, but also realized miniaturization of the main body of the anti-vibration table and high responsiveness due to thin wall.

-We can also support dedicated design according to customer's request, such as external tank for low natural frequency adjustment and passive mount activation.

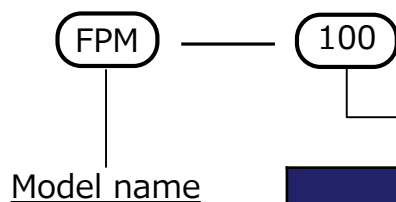
-Based on diaphragm manufacturing technology, bellows type air spring which has very thin but high durability has been developed and adopted for our anti-vibration table.



### ■ Specification

Model name	FPM-100	FPM-200	FPM-300
Leg composition	3~ 4		
Mounted mass range Kg[pound]	500~ 1,500 [1102.31~ 3306.93]	2,000~ 5,000 [2209.25~ 11023.11]	5,000~ 20,000 [11023.11~ 44092.45]
Stroke mm[in.]	Vertical direction ± 3 [0.12] / Horizontal direction± 2 [0.08]		
Natural frequency Hz	Vertical direction 3.7~ 5.5 / Horizontal direction 2.7~ 5.0		

### ■ Model designation



Mounted mass range kg[pound]	
100	500~ 1,500 [1102.31~ 3306.93]
200	2,000~ 5,000 [2209.25~ 11023.11]
300	5,000~ 20,000 [11023.11~ 44092.45]



## ■ Applications

-Floor vibration reduction of precision equipment

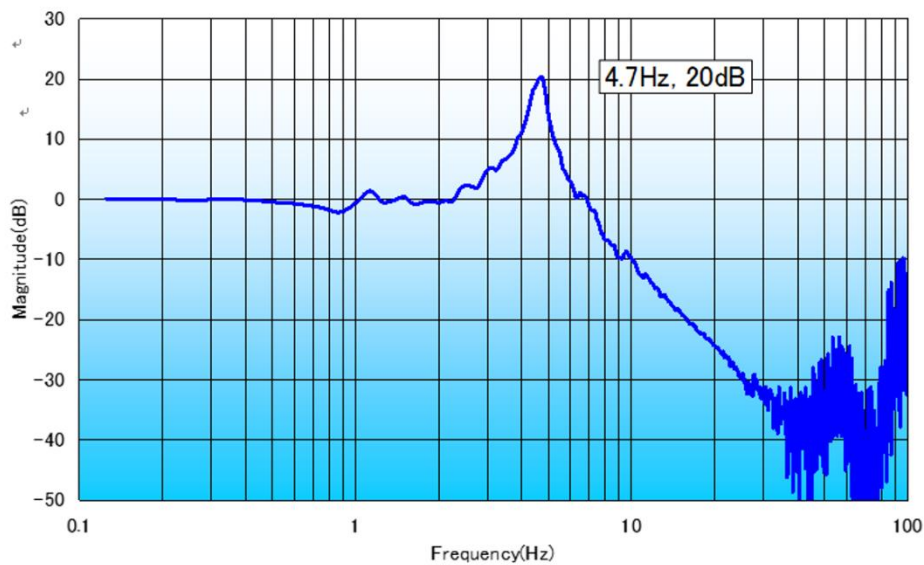
Semiconductor manufacturing equipment, semiconductor inspection equipment, liquid crystal exposure equipment, precision measuring equipment, precision processing machine, other precision equipment etc.

## ■ Characteristic

### *FPM-200* Vibration removing characteristics

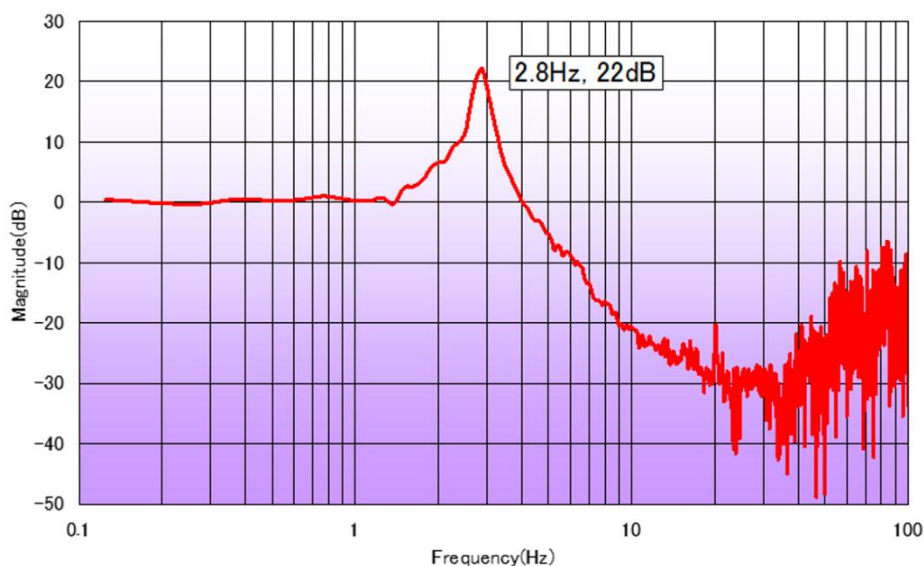
Transfer function of Vertical direction

Loat 2.7ton/3 legs



Transfer function of Horizon direction

Loat 2.7ton/3 legs



### Contact us

Control Equipment

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