

### Model Description

FPD — 10 50 B 3 — CW

①            ②    ③   ④ ⑤       ⑥

- ① Series name
- ② External diameter
- ③ Stroke
- ④ Self-return presence  
B: Without returning spring
- ⑤ Symbols indicating characteristics  
3: High load (high thrust) specifications
- ⑥ Symbols indicating shape  
CW: With cap

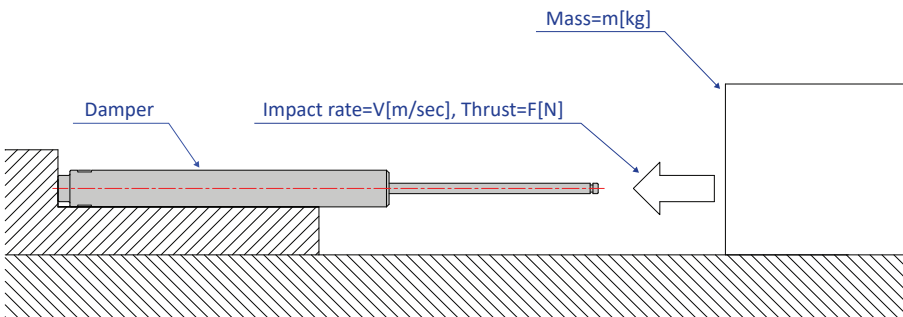
### SPECIFICATIONS

| Model         | Stroke (mm) | External Diameter (mm) | Mass (g) | Main Unit Material | Operating Temp. (C°) |
|---------------|-------------|------------------------|----------|--------------------|----------------------|
| FPD-1050B3-CW | 50          | ∅10                    | 12.5     | Resin              | 5~40                 |

### MOTION PERFORMANCE

| Load (kg) | Thrust (N) | Impact Rate (m/sec) | Motion Time (sec) | Extension Force (N) | Bottom Color |
|-----------|------------|---------------------|-------------------|---------------------|--------------|
| 15        | 13         | 0.5                 | 0.5~2.5           | 1.5 or less         | Gray         |

#### [Measurement conditions]



#### \* Bottom color



## PRECAUTIONS FOR USE

- Do not use this product without carefully reading the attached owner's manual.
- Use with an external stopper.
- Ensure that sufficient mounting strength is secured for this product.
- 2 or more of this product can be used in parallel.
- Do not use this product in a vacuum or a location where it may come in contact with oil.
- Ensure that an eccentric load (lateral load) is not applied to the soft absorber.
- Do not pull the piston rod of the soft absorber more than stroke.  
(This will cause air to get inside the soft absorber, causing ineffective stroke, abnormal sounds, and other damage to the soft absorber.)
- Do not push the piston rod of the soft absorber more than stroke.  
(This will cause recovery failure and other damage to the soft absorber.)

