



### **SPECIFICATIONS**

| Model      | Stroke<br>mm | Max Absorption<br>Energy<br>J(kgf·m) | Max Equivalent<br>Mass<br>kg (kgf) |
|------------|--------------|--------------------------------------|------------------------------------|
| FK-1417L-S | 17           | 14.7(1.5)                            | 110(110)                           |

| Max<br>Drag<br>N (kgf) | Max. Absorption<br>Energy per min.<br>J/min(kgf·m/min) | Extension<br>Force<br>N(kgf) | Mass<br>g |
|------------------------|--|------------------------------|-----------|
| 2646(270)              | 235(24)  | 8.9(0.9)<br>or lower         | 76        |

#### **COMMON SPECIFICATIONS**

| Range of Impact Rate  | m/s       | 0.3~1 |
|-----------------------|-----------|-------|
| Maximum Cycle Rate    | cycle/min | 60    |
| Operating Temperature | C°        | -5~70 |

### **CHARACTERISTICS**

- With a fixed, specially-designed orifice structure, an optimal impact absorption can be achieved even under variable operating conditions.
- The main unit can also be used as a stopper. (No external stopper required, except for FK-3625A)
- Three different types are available to accommodate various speeds. For low-speed: L, for medium-speed: M, for highspeed: H.
- Urethane cap specification is also available.
- Two or more of each product can be used in parallel.
- This product can also be custom-designed for optimal impact absorption.

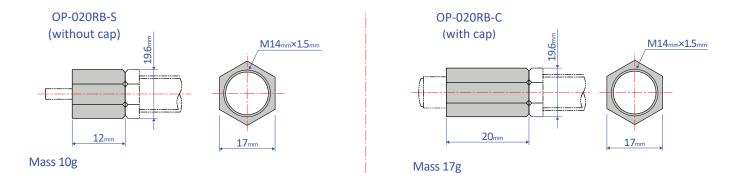
## **PRECAUTIONS FOR USE**

- Do not use this product without carefully reading the attached owner's manual.
- Do not turn the oil inlet screw located at the bottom of the main unit.
- Ensure that sufficient mounting strength is secured for this product.
  (As a guideline, it should be 2 to 3 times the maximum drag listed in the catalogue.)
- Urethane caps are consumable goods that need to be replaced with new ones if necessary.
- Do not use this product in a vacuum or a location where it may come in contact with oil.
- Ensure that an eccentric load is not applied to the soft absorber. (Allowable eccentric angle: ±2.5°)
- Ensure that an external stopper (OP-020\*\*) is also used. (The FK-0404 series can be used without a stopper.)

# **OPTIONAL PARTS**

## Stopper nut OP-020RB

Adjust so that it stops 1 mm before the stroke end, and fasten with the main unit's nut until secured.



Note: When attaching, make sure that the side without a bearing chamfer is the impact surface.

Standard nuts are sold separately as well - M14 Nut

## Flange OP-040RB

■ This is a mounting fixture for soft absorbers

