



SPECIFICATIONS

Model	Stroke mm	Max Energy Absorption J(kgf·m)	Max Equiv. Mass kg(kgf)	Range of Impact Rate m/s	Orifice Type
FA-1410RB-S	10	3.92(0.4)	30(30)	0.3~1	Single- orifice type

COMMON SPECIFICATIONS

Max Drag N(kgf)	Max Cycle Rate cycle/min	Max Energy Absorption per min. J/min(kgf·m/min)	Extension Force N(kgf)	Operating Temp. C°	Mass g
1813(185)	60	147(15)	9.8(1.0) or lower	-5~70	68

PRECAUTIONS FOR USE

- Do not use this product without carefully reading the attached owner's manual.
- Ensure that an external stopper (Stopper nut OP-020RB) is also used.
- 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.)
- 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: within ±2.5°)

ADJUSTMENT METHOD

- To adjust, turn the adjustment knob located at the bottom of the main unit.
- Because the adjustment can be done in an analog manner, a value between two integers on the indicator can be set.
- Once the adjustment is complete, secure with a lock screw using a hex wrench.

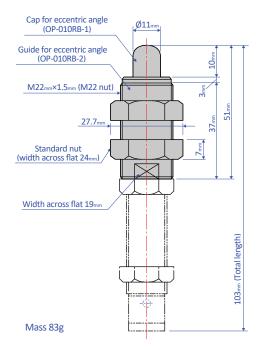
ABSORPTION CHARACTERISTICS

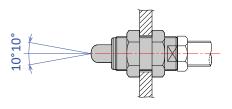
Orifice type	Single-orifice type	Absorption characteristics		
Model number	FA-1410RB Series	Resistance		
Application	For low speed	Stroke		

OPTIONAL PARTS

Eccentric angle adaptor OP-010RB

- Screw the eccentric angle adaptor into the main unit until the cap for the eccentric angle and the piston rod form a tight connection. While maintaining this position, fasten the main unit's nut until it is secured.
- Use the eccentric angle adaptor when the eccentric angle is 2.5° or larger.
- The main unit can also be used as a stopper.
- Use it with a capless soft absorber.
- The maximum operating eccentric angle with an eccentric angle adaptor is ±10°.
- The caps and the guides for inclined use are not unbundled.

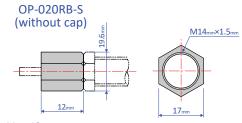




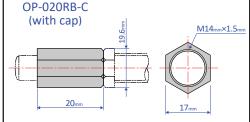
Note: Material of cap for eccentric angle: POM

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.



Mass 10g



Mass 17g

in place.

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

Square flange OP-040RB

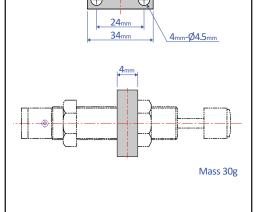
Once the attachment site is determined,

use the main unit's nut to securely fasten

M14_{mm}×1.5_{mm}

Mass 31g

Although a holder with a switch can be ordered on its own, we strongly recommend ordering one with the



it cannot provide an effective means for liquid proofing. Ø19_{mm}

Liquid-proof cap FA-1410RB-C-060

Ideal for use in environments where oil

Ensure that the cap is facing upward.

If the cap is facing sideways or downward,

splatter poses a problem.

Holder with a switch OP-030RB-2 (with a stopper function)

main unit. Please include the main unit's model number when placing an order. $29 \, \text{mm}$

