## FA-2016E2-C SHOCK ABSORBER - ADJUSTABLE

# Bansbach easylift



| SPECIFICATIONS        |                                |  |                               |  |                                |    |                                      |           |  |
|-----------------------|--------------------------------|--|-------------------------------|--|--------------------------------|----|--------------------------------------|-----------|--|
| Model                 | Stroke<br>mm                   | Max Energy<br>Absorption<br>J(kgf∙m)     | Max Equiv.<br>Mass<br>kg(kgf) |  | Range of<br>Impact Rate<br>m/s |    | Orifice<br>Type                      |           |  |
| FA-2016E2-C           | 16                             | 35(3.57)                                 | 200(200)                      |  | 0.3~2                          |    | Multiple-<br>varying<br>orifice type |           |  |
| COMMON SPECIFICATIONS |                                |  |                               |  |                                |    |                                      |           |  |
| Max<br>Drag<br>N(kgf) | Max Cycle<br>Rate<br>cycle/min | Max Ener<br>Absorption pe<br>J/min(kgf·m | er min.                       |  |                                |    | erating<br>np. C°                    | Mass<br>g |  |
| 6370(650)             | 60                             | 343(35)                                  | 343(35)                       |  | .1(1.84)<br>· lower            | -5 | 5~70                                 | 207       |  |

## PRECAUTIONS FOR USE

- Do not use this product without carefully reading the attached owner's manual.
- Ensure that an external stopper (Stopper nut OP-020EB) 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.

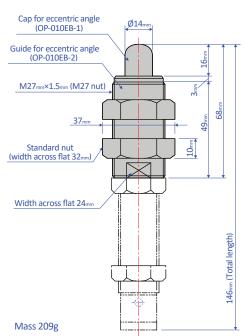
## **ABSORPTION CHARACTERISTICS**

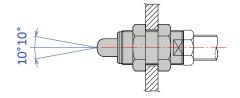
| Orifice type | Multiple-varying orifice type                             | Absorption characteristics |  |  |  |
|--------------|---|----------------------------|--|--|--|
| Model number | FA-2016E2 Series  | Resistance                 |  |  |  |
| Application  | For medium speed, in particular with a pneumatic cylinder | Stroke                     |  |  |  |

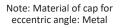
## **OPTIONAL PARTS**

#### Eccentric angle adaptor OP-010EB

- 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.

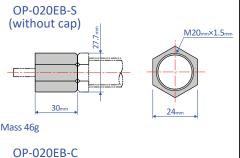


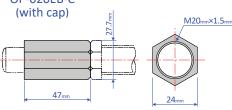




#### Stopper nut OP-020EB

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





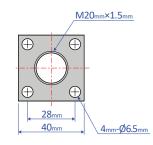
#### Mass 68g

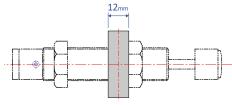
Note: When attaching, make sure that the side without a bearing chamfer is the impact surface.

#### Standard nuts are sold separately as well - M20 Nut

#### Square flange OP-040EB

 Once the attachment site is determined, use the main unit's nut to securely fasten in place.

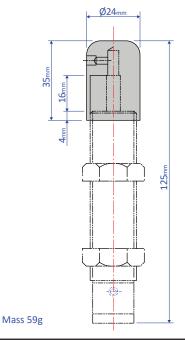




Mass 109g

## Liquid-proof cap FA-2016E2-C-060

- A drip proof cap is fitted on the unit on delivery.
- Liquid-proof caps are not sold separately.
- Ensure that the cap is facing upward. If the cap is facing sideways or downward, it cannot provide an effective means for liquid proofing.



#### Holder with a switch OP-030EB-2

Although a holder with a switch can be ordered on its own, we strongly recommend ordering one with the main unit. Please include the main unit's model number when placing an order.

