FA-2016EB-S
Shock Absorber - Adjustable

Bansbach easylift®

SPECIFICATIONS

Model	Stroke mm	Max Energy Absorption J(kgf·m)	Max Equiv. Mass kg(kgf)	Range of Impact Rate m/s	Orifice Type
FA-2016EB-S	16	29.4(3.0)	300(300)	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
3,528(360)	60	343(35)	18.1(1.84) or lower	-5~70	180

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°)

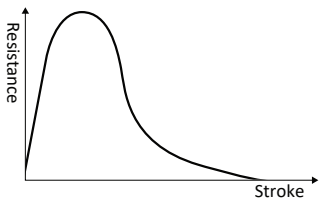
ADJUSTMENT METHOD

- 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	Single-orifice type
Model number	FA-2016EB Series
Application	For low speed

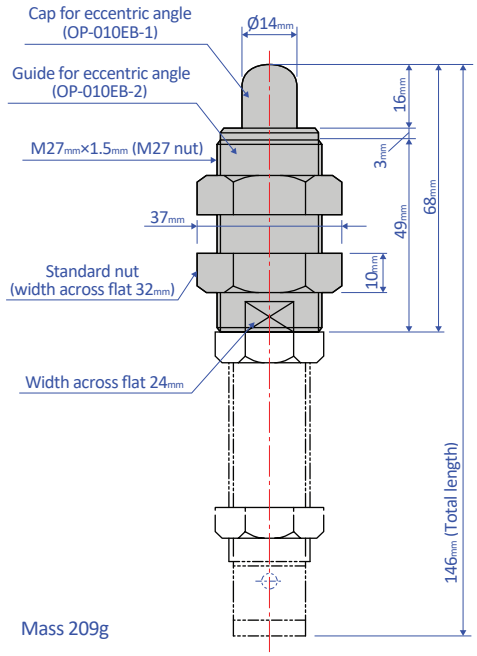
Absorption characteristics



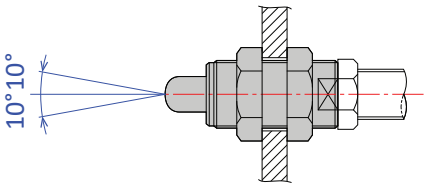
OPTIONAL PARTS

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.



Mass 209g

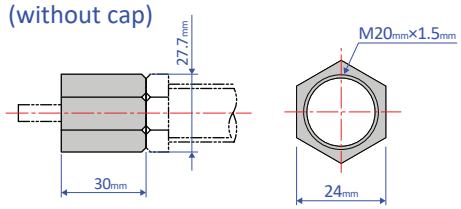


Note: Material of cap for eccentric angle: Metal

Stopper nut OP-020EB

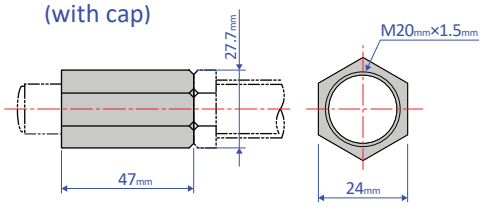
- Adjust so that it stops 1 mm before the stroke end, and fasten with the main unit's nut until secured.

OP-020EB-S (without cap)



Mass 46g

OP-020EB-C (with cap)



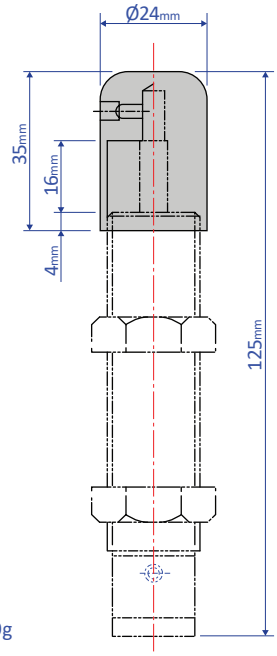
Mass 68g

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

Liquid-proof cap FA-2016EB-C-060

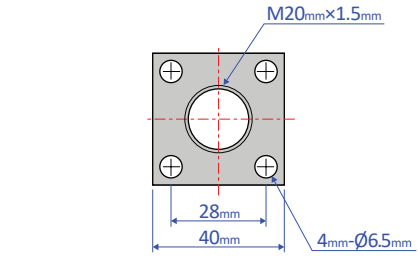
- A drip proof cap is fitted on the unit on delivery.
- Liquid-proof caps are not sold separately.
- Ensure that the cap is facing upward. If the cap is facing sideways or downward, it cannot provide an effective means for liquid proofing.

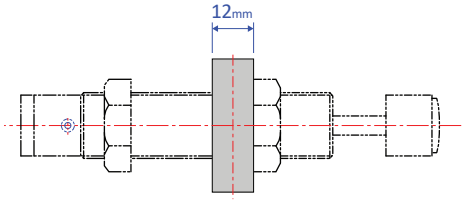


Mass 59g

Square flange OP-040EB

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

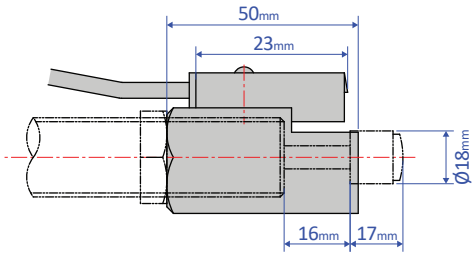


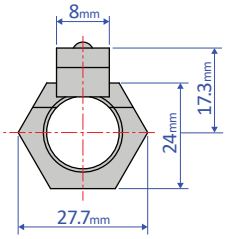


Mass 109g

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.





Mass 80g