



### SPECIFICATIONS

Model	Stroke mm	Max Absorption Energy J(kgf·m)	Max Equivalent Mass kg (kgf)
FK-2050H-R	50	98(10)	8(8)

Max Drag N (kgf)	Max. Absorption Energy per min. J/min(kgf·m/min)	Extension Force N(kgf)	Mass g	Urethane Cap Specification (Type-R)
4,900 (500)	392(40)	39.2(4.0) or lower	294	○

Note) Urethane cap is the only available specification for FK-2050 with a cap.

### COMMON SPECIFICATIONS

Range of Impact Rate	m/s	0.3~3
Maximum Cycle Rate	cycle/min	30
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.

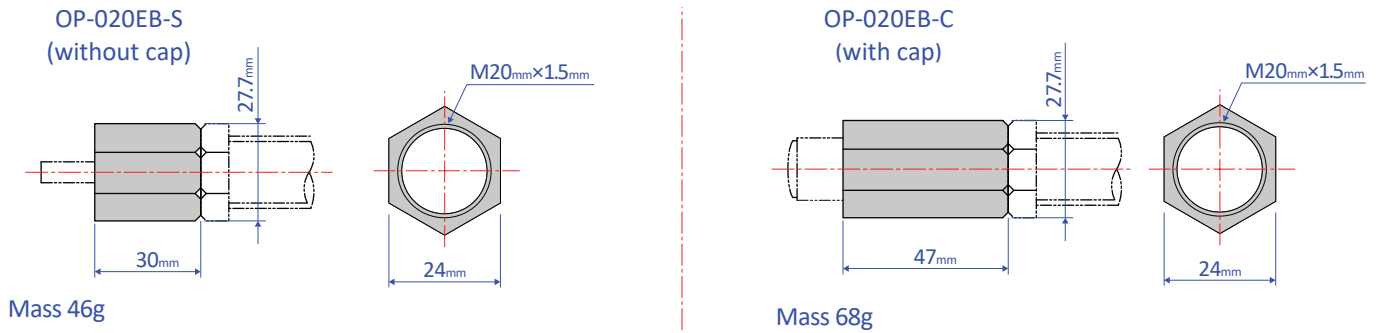
### PRECAUTIONS FOR USE

- 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.)
- 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:  $\pm 2.5^\circ$ ) Allowable eccentric angle in FK-2050 and 2550:  $\pm 1.0^\circ$
- Urethane caps are consumable goods that need to be replaced with new ones if necessary.

## OPTIONAL PARTS

### 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.

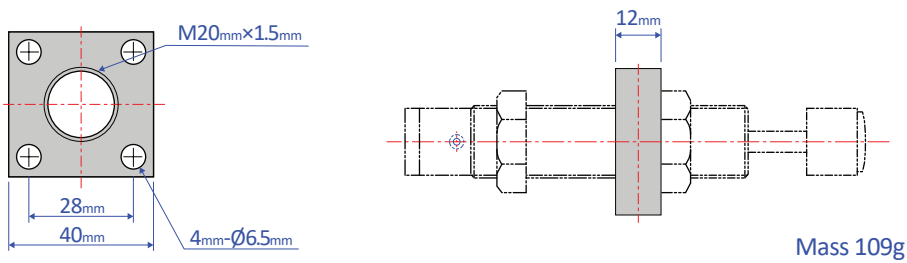


Note: When attaching, make sure that the side without a bearing chamfer is the impact surface.

Standard nuts are sold separately as well - M20 Nut

### Flange OP-040EB

- This is a mounting fixture for soft absorbers



### Urethane cap OP-090M20A

