

| SPECIFICATIONS |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Model | Stroke mm | Max Energy Absorption J(kgf.m) | Max Equiv. Mass kg(kgf) | $\begin{aligned} & \text { Range of } \\ & \text { Impact Rate } \\ & \mathrm{m} / \mathrm{s} \end{aligned}$ |  |
| FA-4225B3-C | 25 | 260(26.5) | 3400(3400) | $0.3 \sim$ |  |
| COMMON SPECIFICATIONS |  |  |  |  |  |
| Max <br> Drag <br> N(kgf) | Max Cycle Rate cycle/min | Max Energy Absorption per min. $\mathrm{J} / \mathrm{min}(\mathrm{kgf} \cdot \mathrm{m} / \mathrm{min})$ | Extension Force N(kgf) | Operating Temp. C | $\begin{gathered} \text { Mass } \\ \mathrm{g} \end{gathered}$ |
| 31590(3223) | 20 | 1858(190) | 120(12.2) | -5~70 | 795 |

## PRECAUTIONS FOR USE

- Do not use this product without carefully reading the attached owner's manual.
- Ensure that an external stopper (Stopper nut OP-020M42) 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 $\pm 2.5^{\circ}$ )
- The urethane caps are consumables. Please replace them when necessary.


## 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.


## OPTIONAL PARTS

## Square Flange OP-040 M42SF



## Rectangle Flange OP-040 M42RF



## OPTIONAL PARTS

## Eccentric angle adaptor OP-010M4225

- 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 $2.5^{\circ}$ 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 $\pm 10^{\circ}$.
- Nut for unit is not inclusive.
- The caps and the guides for inclined use are not unbundled.

Mass 1600g


## Nut OP-M64

1 Usable as the nut for eccentric angle adaptor


Nut OP-M42

Mass 64g


## Stopper Nut OP-20 M42

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


Side Mount OP-M42SM


Mass 676g (1 unit)

- Side mount is sold as a set of two.
- Recommended bolt: M8 X 50 hexagon socket head bolt


## Urethane Cap OP-090 M42A

