# FK-2540H-C SHOCK ABSORBER - FIXED

# Bansbach easylift



| SPECIFICATIONS         |    |  |                                      |                              |           |   |  |  |
|------------------------|----|--|--------------------------------------|------------------------------|-----------|---|--|--|
| Model                  |    | Stroke<br>mm                                       | Max Absorption<br>Energy<br>J(kgf∙m) |                              | N         | Max Equivalent<br>Mass<br>kg (kgf)        |  |  |
| FK-2540H-C             |    | 40   | 117(12)                              |                              |           | 30(30)                                    |  |  |
| Max<br>Drag<br>N (kgf) | En | ax. Absorption<br>lergy per min.<br>lin(kgf∙m/min) |                                      | Extension<br>Force<br>N(kgf) | Mass<br>g | Urethane Cap<br>Specification<br>(Type-R) |  |  |
| 6,370<br>(650)         |    | 490(50)  |                                      | 71.5(7.3)<br>or lower        | 437       | 0   |  |  |

Note) Insert R in place of C if ordering urethane cap

#### **COMMON SPECIFICATIONS**

| Range of Impact Rate  | m/s       | 0.3~3 |
|-----------------------|-----------|-------|
| Maximum Cycle Rate    | cycle/min | 60    |
| 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.

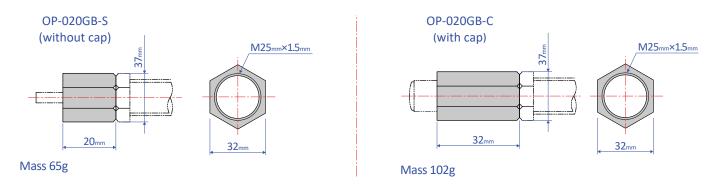
# **PRECAUTIONS FOR USE**

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

## **OPTIONAL PARTS**

#### Stopper nut OP-020GB

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 - M25 Nut

