# FL-1620H-S SHOCK ABSORBER - ADJUSTABLE





SPECIFICATIONS							
Model	Stroke mm	Max Energy Absorption J(kgf⋅m)	Max Equiv. Mass kg(kgf)	Range of Impact Rate m/s		Max Drag N(kgf)	
FL-1620H-S	20	17.6(1.8)	60(60)	0.3~3		2,646(270)	
COMMON SPECIFICATIONS							
Max Cycle Rate cycle/min	Max Energy Absorption per min. J/min(kgf·m/min)		Extension Force N(kgf)		Operating Temp. C°		Mass g
60	235(24)		19.6(2.0) or lower		-5~70		124

## **PRECAUTIONS FOR USE**

- Do not use this product without carefully reading the attached owner's manual.
- We recommend that you use it with an external stopper (Stopper nut OP-020RB).
- 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°)

#### **ADJUSTMENT METHOD**

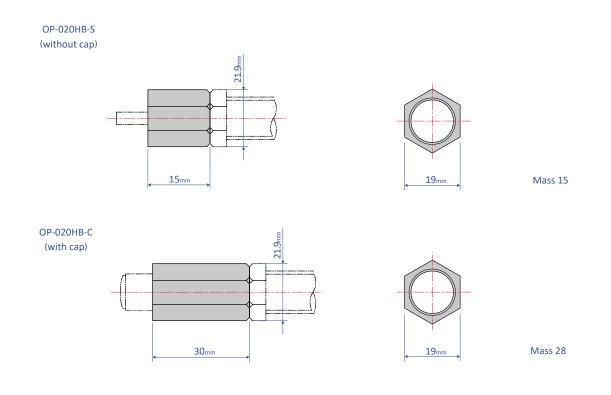
- To adjust, turn the adjustment knob located at the bottom of the main unit.
- Because the adjustment can be done in an analog manner, a value between two integers on the indicator can be set.
- Once the adjustment is complete, secure with a lock screw using a hex wrench.

#### **CHARACTERISTICS**

- With an adjustable multiple-orifice structure, an optimal impact absorption can be achieved by making adjustments, even under variable operating conditions.
- This product is a long-stroke type that is suitable for high-speed (3m/s) collisions.

## **OPTIONAL PARTS**

### Stopper nut OP-020HB



Standard nuts are sold separately as well - M14 nut



