



**SPECIFICATIONS**

Model	Stroke mm	Max Absorption Energy J(kgf·m)	Max Equivalent Mass kg (kgf)
FED-3020M-C	20	98(10)	140(140)

Max Drag N (kgf)	Range of Impact Rate m/s	Extension Force N(kgf)	Operating Temp. C°	Mass g
11760 (1200)	0.5~2	68.6(7.0) or lower	-5~70	350

- This product is an affordable soft absorber for emergencies.
- Made of light weight aluminum.
- Typically used as an emergency absorber, it will last for approximately 100 cycles.

**\*Standard nuts are sold separately as well – M30 nut Black**

**PRECAUTIONS FOR USE**

- Do not use this product without carefully reading the attached owner’s manual.
- 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.)
- Never apply eccentric load to the piston rod. In particular, when using in a rotating motion, the distance between the rotational center of the impacted part and the mounted soft absorber should be at least 12 times the stroke length. The soft absorber should also be mounted so that it is perpendicular halfway through the stroke.
- Do not over-tighten the standard nut. (Tightening torque: 14.7H·m)
- Do not use this product in a vacuum or a location where it may come in contact with oil.
- Please use with an external stopper.