

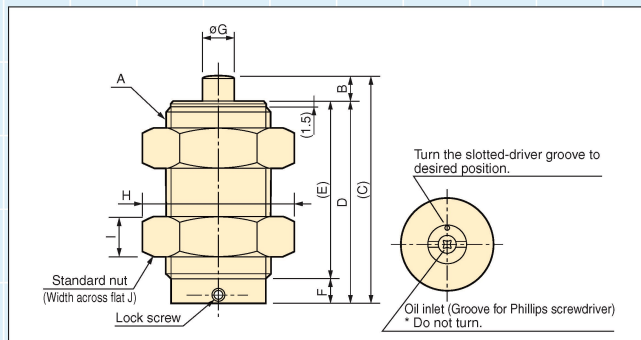


Soft Silent Safety

FS Series

RoHS Compliant

Short Stroke Type Single-Orifice Adjustable



<Dimensions>

Model	A	B	C	D	E	F	øG	H	I	J
FS-2006L-S	M20X1.5	6	55	49	43	6	6	27.7	8	24
FS-2506L-S	M25X1.5	6	55	49	43	6	8	37	10	32
FS-2706L-S	M27X1.5	6	55	49	43	6	8	37	10	32

<Specifications>

Model		FS-2006L-S	FS-2506L-S	FS-2706L-S
Max. absorption energy	J (kgf·m)	7.8 (0.8)	11.7 (1.2)	15.6 (1.6)
Stroke	mm	6	6	6
Max. equivalent mass	kg (kgf)	60 (60)	90 (90)	120 (120)
Range of impact rate	m/s	0.3~1	0.3~1	0.3~1
Max. drag	N (kgf)	3920 (400)	5880 (600)	7840 (800)
Max. cycle rate	cycle/min	60	60	60
Max. absorption energy per minute	J/min (kgf·m/min)	78 (8.0)	117 (12)	156 (16)
Recovering power of the piston rod	N (kgf)	16.7 (1.7) or lower	19.6 (2.0) or lower	22.6 (2.3) or lower
Operating temperature	°C	-5~70	-5~70	-5~70
Mass	g	114	210	221

<Key to Model Number>

FS - **20** **06** **L** - **S**

With/Without cap

Performance classification

Stroke

External screw size

Series name

S: Without cap

L: For low speed (Impact rate 0.3~1m/s)
(indicated in mm)
(indicated in mm)

<Precautions for Use>

- * Do not use this product without carefully reading the attached owner's manual.
- * Ensure that an external stopper is also used.
- * 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: $\pm 2.5^\circ$)

*Standard nuts are sold separately as well.

For FS-2006: M20 nut

For FS-2506: M25 nut

For FS-2706: M27 nut

<Adjustment Method>

- * To adjust, turn the adjustment knob with a slotted screw driver
- * Because the adjustment can be done in an analog manner, a value between two integers on the indicator can be set.