

## Shock Absorber (High-speed F Type)



High-speed F Type Multi-orifice/Analog-adjustable **F-A2M25(30)**

## Series

---

Small and light analog adjustable shock absorbers, body screwed type for high speed

- Energy-adjustable shock absorbers suitable for absorbing impact at high speed.
- Since their outer surfaces are threaded, they can be handled easily in the same manner as when fitting bolts.
- They absorb impact very softly.

# Specification

Model number	F-A2M25N030SD (Standard type)	F-A2M25S030SD-C (With cap)
Energy absorption range	J 9.81 to 49.0	
Stroke	mm 30	
Corresponding (equivalent) weight range	kg 150	
(Note 1) Max. energy capacity per minute	J/min 490	
Collision speed range	m/s 3 or less	
(Note 3) Max. resisting force	N 4900	
(Note 2) Rod returning force	N 33.1	
(Note 2) Rod return time	s 0.5	
Max. working cycle	times/min 60	
Working temperature range	°C -5 to +70(No freezing)	
Weight	g 406 (FA accessory: 129)	436 (FA accessory: 129)
Accessories	Auxiliary stopper nut, eccentric angle adapter	

(Note 1) The max. energy capacity per minute shown in the table is the value at an ambient temperature of 26.7°C. The max. energy capacity per minute  $E_2$  (J/min) at an ambient temperature  $T$  (°C) is indicated by the following formula.

$$E_2 = \frac{(82.2 - T)}{55.5} \times \left( \begin{array}{l} \text{max. energy capacity} \\ \text{per minute shown in} \\ \text{table} \end{array} \right)$$

(Note 2) Maximum value when rod is retracted a stroke of 30 mm.

(Note 3) Maximum resisting force obtained after the shock absorber is appropriately adjusted.