

Shock Absorber (Low speed L type)



Low-speed L Type Single-orifice/Analog-adjustable **L-A2M27 Series**

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

- Energy-adjustable shock absorbers suitable for absorbing impact at low 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		L-A2M27N025SD (Standard type)	L-A2M27S025SD-C (With cap)
Energy absorption range		J	
Stroke		mm	
Corresponding (equivalent) weight range		kg	
(Note 1)	Max. energy capacity per minute	J/min	539
Collision speed range		m/s	
(Note 3)		Max. resisting force	
(Note 2)		Rod returning force	
(Note 2)		Rod return time	
Max. working cycle		times/min	
Working temperature range		℃	
Mounting style		FA style	
Weight	g	Body	411
		Mounting accessory	470
Accessories		FA accessory: 160	
		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℃. The max. energy capacity per minute E_2 (J/min) at an ambient temperature T (℃) is indicated by the following formula.

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

(Note 2) Maximum value when rod is retracted a stroke of 25 mm.

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