

Shock Absorber (Adjustment Type)



Adjustable Type Multi-orifice **AS-06 Series**

Shock absorbers which can absorb impact load energy of 353 J or less and can be easily adjusted only by operating the adjusting dial according to change in impact load energy

- Since they are variable orifice type shock absorbers, they can be adjusted sleeplessly on condition that the corresponding weight is within the range predetermined for each model and within the maximum energy range.
- If correctly adjusted, the shock absorbers of multi-orifice type have lower resisting force compared to single-orifice type shock absorbers. Therefore, you can select a cost-efficient shock absorber.
- The shock absorbers are designed so that they can be adjusted in a wide range to cope with fluctuation of actual corresponding weight.

Specification

Model number	AS ^E _F -06-10	ASU-06-10	AS ^E _F -06-24	ASU-06-24
Max. energy absorption range J	141	97.1	353	245
Stroke mm	25.4		63.5	
Corresponding (equivalent) weight range kg	11 to 11000		11 to 11000	
(Note 1) Max. energy capacity per minute J/min	735		1330	
Collision speed range m/s	5			
(Note 3) Max. resisting force N	11300	7790	11300	7870
(Note 2) Rod returning force N	73.5		79.4	
(Note 2) Rod return time s	0.1		0.3	
Max. working cycle times/min	30			
Working temperature range °C	-5 to +50(No freezing)			
Mounting style	F style (Front flange) E style (Rear flange) U style (Cap clevis)			
Weight kg	E:1.19 F:1.19 U:1.26		E:1.62 F:1.62 U:1.68	
Accessory	Auxiliary oil reservoir			

(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.

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

(Note 2) Maximum values when rod is retracted full stroke

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

How to Order

When placing an order, specify the model number shown below.

