

Small and light shock absorbers

- Diaphragms are used for seals.
High-efficiency shock absorbers with low frictional resistance of seals.
- The use of silicone oil maintains stable performance against changes in environmental conditions, such as temperature.
- This series of shock absorbers have one step higher energy absorption capacity than Mini-softer AS-1010.
- They are small but very softly absorb impact.

Specifications

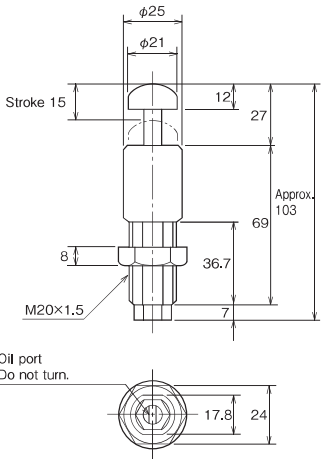
Model number	AS-1215-1	AS-1215-2
Energy absorption range	J 2.94 to 7.85	6.86 to 11.8
Stroke	mm 15	
Corresponding (equivalent) weight range	kg 30	40
(Note 1) Max. energy capacity per minute	J/min 245	
Collision speed range	m/s 1.5 or less	
Max. resisting force	N 1470	1960
(Note 2) Rod returning force	N 11.8	
(Note 2) Rod return time	s 1	
Max. working cycle	times/min 30	
Working temperature range	°C -10 to +50 (No freezing)	
Weight	g 112	

(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.

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

(Note 2) Maximum value when rod is retracted a stroke of 15 mm.

Unit: mm



CAD/DATA
ABSORBER/TMSFIXA is available.



Mini-softer of Adjustable Type

A2M12.....EG48



A2M14.....EG49



A2M16.....EG50



AS*-03.....EG51



A2M20.....EG52



A2M27.....EG56



A2M36.....EG60

