



SPECIFICATIONS

Model	Stroke mm	Max Energy Absorption J(kgf·m)	Max Equiv. Mass kg(kgf)	Range of Impact Rate m/s	Orifice Type
FWM-4280WBD-C	80	720(73.5)	5500(5500)	0.3~2	Multiple-varying orifice type

COMMON SPECIFICATIONS

Max Drag N(kgf)	Max Cycle Rate cycle/min	Max Energy Absorption per min. J/min(kgf·m/min)	Recovering Power of Piston Rod N(kgf)	Operating Temp. C°	Mass g
27030(2758)	6	4410(450)	98(10) or lower	-5~70	2010

PRECAUTIONS FOR USE

- Do not use this product without carefully reading the attached owner's manual.
- We recommend that you use it with an external stopper.
- 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: $\pm 2.5^\circ$)

ADJUSTMENT METHOD

- To adjust, turn the adjustment knob located at the bottom of the main unit.
- Because the adjustment can be done in an analog manner, a value between two integers on the indicator can be set.
- Once the adjustment is complete, secure with a lock screw using a hex wrench.

ABSORPTION CHARACTERISTICS

Orifice type	Multiple-varying orifice type	<p>Absorption characteristics</p>
Model number	FWM-4280WBD Series	
Application	For medium speed, in particular with a pneumatic cylinder	

Standard nuts are sold separately as well - M42 nut