NEW PRODUCTS PREVIEW

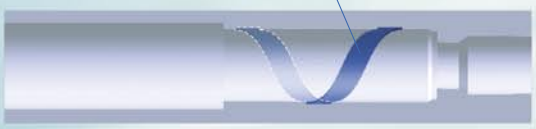
Shock Absorber

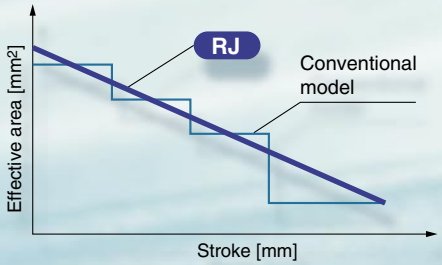
Soft type

Softly stops workpieces

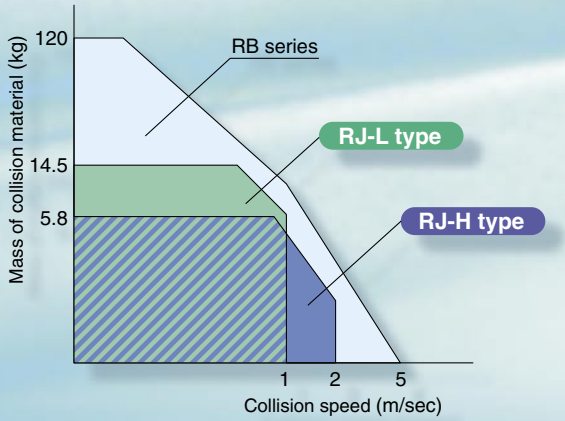
Originally designed oil re-circulating mechanism

Linear orifice structure with a spiral groove PAT.PEND



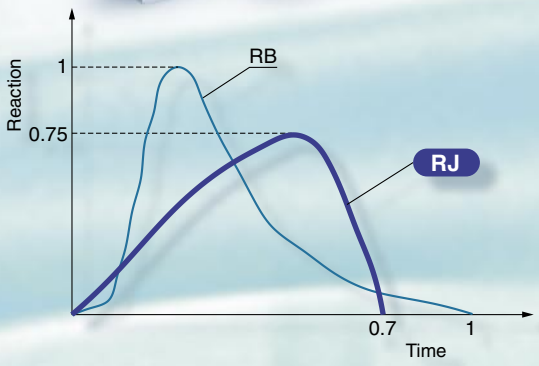


Suitable for stopping a light workpiece or a workpiece conveyed at low speeds.



Buffer time reduced by 30% (SMC comparison)

Can improve takt time for short-stroke actuators such as those used in air-slide and rotary tables.



- Mounting interchangeable with the RB series
- Variations depend on the operating speed.

2-speed types are available in each size.

- **L-type: 0.05 to 1 m/s**
- **H-type: 0.05 to 2 m/s**

SMC

NPP-E07-6

Shock Absorber

Soft type

Series RJ

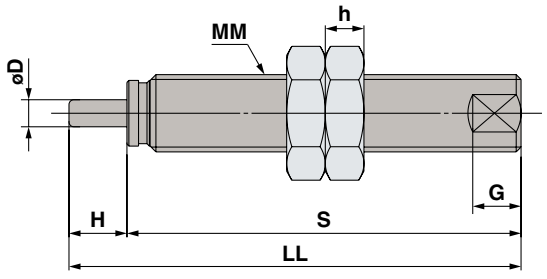
Coming soon!

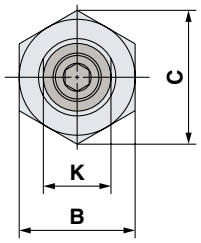
Specifications

Model	RJ0806		RJ1007		RJ1412	
	H	L	H	L	H	L
Max. energy absorbency (J)[Note 1]	1		3		10	
O.D. thread size (mm)	8		10		14	
Stroke (mm)	6		7		12	
Collision speed (m/s)	0.05 to 2	0.05 to 1	0.05 to 2	0.05 to 1	0.05 to 2	0.05 to 1
Max. operating frequency (cycle/min)[Note 1]	80		70		45	
Max. allowable thrust (N)	245		422		814	
Ambient temperature (°C)	–10 to 60					
Mass (g)	15		23		65	

Note 1) Max. energy absorbency and max. operating frequency measured at room temperature (20 to 25°C)

Dimensions





Model	Dimensions							Hexagon nut		
	D	H	LL	MM	S	G	K	B	C	h
RJ0806□	2.8	6	46.8	M8 x 1.0	40.8	5	7	12	13.9	4
RJ1007□	3	7	52.3	M10 x 1.0	45.3	7	9	14	16.2	4
RJ1412□	5	12	79.1	M14 x 1.5	67.1	8	12	19	21.9	6

✻ The dimensions between H- and L-type are the same.

Options

Stopper nut

Foot bracket

Applicable Actuators

Description	Series
Air slide table	**MX□**
Mechanically jointed rodless cylinder	**MY□**
Magnetically coupled rodless cylinder	**CY□**
Rotary table rack-and-pinion type	**MSQ**

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