

# Shock Absorber RJ Series



## How to Order



Short stroke type

RJ 0805 U

Shock absorber/soft type

O.D. thread size/Stroke

Symbol	O.D. thread size	Stroke
0805	8 mm	5 mm
1006	10 mm	6 mm
1410	14 mm	10 mm

Option

Symbol	Hexagon nut	Stopper nut
Nil	2 pcs.	—
J	3 pcs.	—
N	—	—
S	2 pcs.	1 pc.
SJ	3 pcs.	1 pc.
SN	—	1 pc.

With cap

Nil	Basic type
U	With urethane cap

## Specifications

Model	Basic type	RJ0805	RJ1006	RJ1410
	With cap	RJ0805U	RJ1006U	RJ1410U
Max. absorbed energy (J) <sup>Note</sup>		0.5	1.5	3.7
O.D. thread size (mm)		8 x 1	10 x 1	14 x 1.5
Stroke (mm)		5	6	10
Collision speed (m/s)		0.05 to 1		
Max. operating frequency (cycle/min) <sup>Note</sup>		80	70	45
Spring force (N)	Extended	2.8	5.4	6.4
	Compressed	4.9	8.0	14.6
Max. allowable thrust (N)		245	422	814
Ambient temperature (°C)		-10 to 60 (No freezing)		
Weight (g)	Basic type	15	23	65
	With cap	16	25	70

Note) Max. absorbed energy and max. operating frequency values are at room temperature (20 to 25°C).

## Replacement Parts No./Cap (Resin part only)

RBC 08 C

Cap

Applicable model

08	RJ0805U, 0806□U
10	RJ1006U, 1007□U
14	RJ1410U, 1412□U
20	RJ2015□U
27	RJ2725□U

Caps cannot be mounted on basic type. Please specify a type with cap when ordering.

