

Shock Absorber *RJ Series*

RoHS



How to Order

RJ 0604
 RJ 0806 H U

Shock absorber/soft type •

O.D. thread size/Stroke •

Symbol	O.D. thread size	Stroke
0604	6 mm	4 mm
0806	8 mm	6 mm
1007	10 mm	7 mm
1412	14 mm	12 mm
2015	20 mm	15 mm
2725	27 mm	25 mm

Collision speed range •

H	0.05 to 2 m/s
L	0.05 to 1 m/s

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	RJ0604		RJ0806		RJ1007		RJ1412		RJ2015		RJ2725	
	With cap	—		RJ0806□U		RJ1007□U		RJ1412□U		RJ2015□U		RJ2725□U	
	Collision speed range	—		H	L	H	L	H	L	H	L	H	L
Max. absorbed energy (J) ^(Note)		0.5		1		3		10		30		70	
O.D. thread size (mm)		6 x 0.75		8 x 1		10 x 1		14 x 1.5		20 x 1.5		27 x 1.5	
Stroke (mm)		4		6		7		12		15		25	
Collision speed (m/s)		0.05 to 1		0.05 to 2	0.05 to 1	0.05 to 2	0.05 to 1	0.05 to 2	0.05 to 1	0.05 to 2	0.05 to 1	0.05 to 1.5	0.05 to 1
Max. operating frequency (cycle/min) ^(Note)		80		80		70		45		25		10	
Spring force (N)	Extended	1.3		2.8		5.4		6.4		14.1		14.7	
	Compressed	3.9		5.4		8.4		17.4		29.1		34.4	
Max. allowable thrust (N)		150		245		422		814		1961		2942	
Ambient temperature (°C)		-10 to 60 (No freezing)											
Weight (g)	Basic type	5.5		15		23		65		120		300	
	With cap	—		16		25		70		135		350	

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