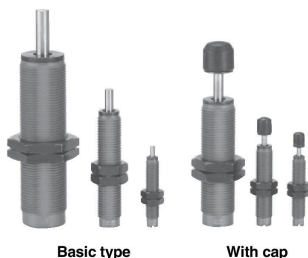


Shock Absorber

RB Series



Basic type

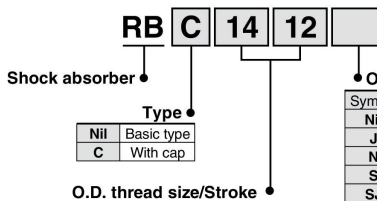
With cap

Specifications

Model	Basic type	RB0604	RB0805	RB0806	RB1006	RB1007	RB1411	RB1412	RB2015	RB2725
Specifications	With cap	—	RBC0805	RBC0806	RBC1006	RBC1007	RBC1411	RBC1412	RBC2015	RBC2725
Max. energy absorption (J) ^(Note)		0.5	0.98	2.94	3.92	5.88	14.7	19.6	58.8	147
Thread O.D. size		M6 x 0.75	M8 x 1.0		M10 x 1.0		M14 x 1.5		M20 x 1.5	M27 x 1.5
Stroke (mm)		4	5	6	6	7	11	12	15	25
Collision speed (m/s)		0.3 to 1.0		0.05 to 5.0						
Max. operating frequency (cycle/min)		80	80	80	70	70	45	45	25	10
Max. allowable thrust (N)		150	245	245	422	422	814	814	1961	2942
Ambient temperature range (°C)		-10 to 80 (No freezing)								
Spring force (N)	Extended	3.05	1.96	1.96	4.22	4.22	6.86	6.86	8.34	8.83
	Retracted	5.59	3.83	4.22	6.18	6.86	15.30	15.98	20.50	20.01
Weight (g)	Basic type	5.5	15	15	23	23	65	65	150	350
	With cap	—	16	16	25	25	70	70	165	400

(Note) The maximum energy absorption, the maximum corresponding mass of impacting object and maximum operating frequency are measured at room temperature (20 to 25°C).

How to Order



Symbol	O.D. thread size	Stroke	Symbol	O.D. thread size	Stroke
0604	6 mm	4 mm	1411	14 mm	11 mm
0805	8 mm	5 mm	1412	14 mm	12 mm
0806	8 mm	6 mm	2015	20 mm	15 mm
1006	10 mm	6 mm	2725	27 mm	25 mm
1007	10 mm	7 mm			

(Note) RB0604: With cap type is not available.

Option

Symbol	Hex. nut	Stopper nut
NII	2 pcs.	—
J	3 pcs.	—
N	—	—
S	2 pcs.	1 pc.
SJ	3 pcs.	1 pc.
SN	—	1 pc.

Replacement part no./Cap (Resin part only)

RBC 08 C

Applicable model

08	RBC0805, 0806	20	RBC2015
10	RBC1006, 1007	27	RBC2725
14	RBC1411, 1412		

Cap

Cap cannot be mounted for basic type. Please place an order with cap type from the beginning.