

Shock Absorber

Series *RB/RBL/RBQ*

Absorbing impact and noise

Dampening to meet the high speed requirements of the modern world.

Shock absorber: Series RB
Coolant resistant type: Series RBL

Usable without a stopper nut
 The strong body can be positioned directly.

Short type: Series RBQ

A compact style that has been shortened lengthwise

Allowable eccentric angle is 5°
 Suitable for absorption of rotation energy.

Usable without a stopper nut
 The strong body can be positioned directly.

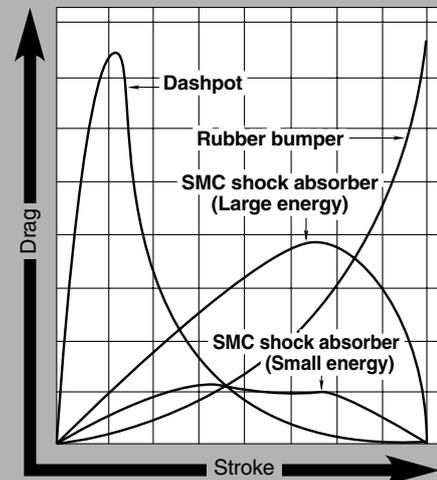


Shock absorber

Automatic adjustment to the most appropriate absorption performance

Specially designed orifice can absorb energy comprehensively and most appropriately in many different applications. This ranges from high speed low loads, to load speed high loads; without requiring additional adjustment of the shock absorber.

Example of comparison for drag characteristics



* Drag waveform will vary depending on the operating conditions.

Series Variations

Series	Basic type	With cap or bumper (Option)	Hexagon nut *	Stopper nut (Option)	Foot bracket	Page
Series RB 	Series RB	●	●	●	●	18-10-2
Coolant resistant Series RBL (Except 08 type)	●	●	●	●	●	18-10-8
Series RBQ 	Series RBQ	●	●	●	●	18-10-10

* 2 Hexagon nuts are attached for Series RB and standard models RBQ.

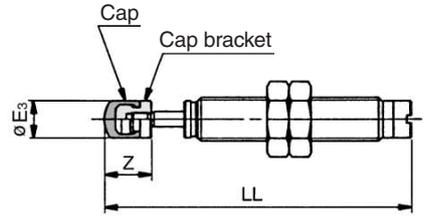
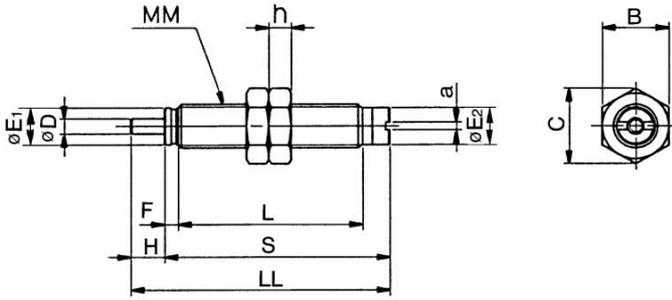
- RE^A_B
- REC
- C□X
- C□Y
- MQ^Q_M
- RHC
- MK(2)
- RS^Q_G
- RS^H_A
- RZQ
- MI^W_S
- CEP1
- CE1
- CE2
- ML2B
- C^J_G5-S
- CV
- MVGQ
- CC
- RB**
- J
- D-
- X
- 20-
- Data

Dimensions

Basic type: RB0805, RB0806, RB1006, RB1007

With cap: RBC0805, RBC0806
RBC1006, RBC1007

* Other dimensions are the same as the basic type.

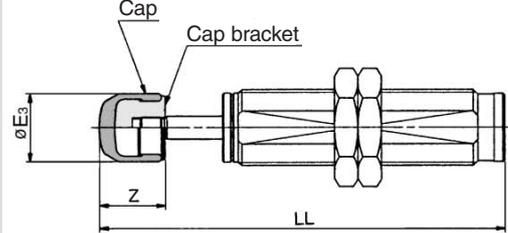
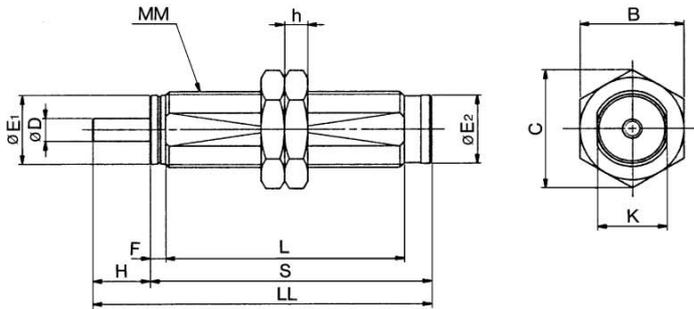


Model		Basic type dimensions										With cap*			Hexagon nut		
Basic type	With cap	D	E ₁	E ₂	F	H	a	L	LL	MM	S	E ₃	LL	Z	B	C	h
RB0805	RBC0805	2.8	6.8	6.8	2.4	5	1.4	33.4	45.8	M8 x 1.0	40.8	6.8	54.3	8.5	12	13.9	4
RB0806	RBC0806	2.8	6.8	6.8	2.4	6	1.4	33.4	46.8	M8 x 1.0	40.8	6.8	55.3	8.5	12	13.9	4
RB1006	RBC1006	3	8.8	8.6	2.7	6	1.4	39	52.7	M10 x 1.0	46.7	8.7	62.7	10	14	16.2	4
RB1007	RBC1007	3	8.8	8.6	2.7	7	1.4	39	53.7	M10 x 1.0	46.7	8.7	63.7	10	14	16.2	4

Basic type: RB1411, RB1412, RB2015, RB2725

With cap: RBC1411, RBC1412
RBC2015, RBC2725

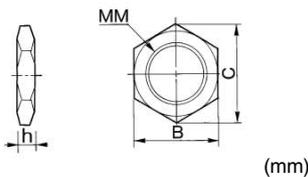
* Other dimensions are the same as the basic type.



Model		Basic type dimensions										With cap*			Hexagon nut		
Basic type	With cap	D	E ₁	E ₂	F	H	K	L	LL	MM	S	E ₃	LL	Z	B	C	h
RB1411	RBC1411	5	12.2	12	3.5	11	12	58.8	78.3	M14 x 1.5	67.3	12	91.8	13.5	19	21.9	6
RB1412	RBC1412	5	12.2	12	3.5	12	12	58.8	79.3	M14 x 1.5	67.3	12	92.8	13.5	19	21.9	6
RB2015	RBC2015	6	18.2	18	4	15	18	62.2	88.2	M20 x 1.5	73.2	18	105.2	17	27	31.2	6
RB2725	RBC2725	8	25.2	25	5	25	25	86	124	M27 x 1.5	99	25	147	23	36	41.6	6

Hexagon Nut

(2 pcs. standard equipment)

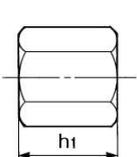


Part no.	Dimensions			
	MM	h	B	C
RB08J	M8 x 1.0	4	12	13.9
RB10J	M10 x 1.0	4	14	16.2
RB14J	M14 x 1.5	6	19	21.9
RB20J	M20 x 1.5	6	27	31.2
RB27J	M27 x 1.5	6	36	41.6

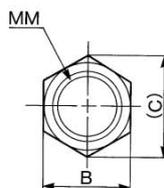
Option

Stopper nut

For basic type



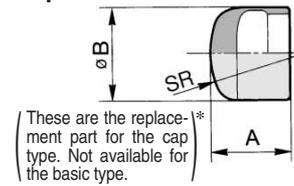
For cap type



Part no.	With cap	Dimensions						
		B	C	h1	h2	MM	d	f
RB08S	RBC08S	12	13.9	6.5	23	M8 x 1.0	9	15
RB10S	RBC10S	14	16.2	8	23	M10 x 1.0	11	15
RB14S	RBC14S	19	21.9	11	31	M14 x 1.5	15	20
RB20S	RBC20S	27	31.2	16	40	M20 x 1.5	23	25
RB27S	RBC27S	36	41.6	22	51	M27 x 1.5	32	33

Replacement Parts

Cap



Material: Polyurethane

Part no.	Dimensions		
	A	B	SR
RBC08C	6.5	6.8	6
RBC10C	9	8.7	7.5
RBC14C	12.5	12	10
RBC20C	16	18	20
RBC27C	21	25	25

RE^A_B
REC
C□X
C□Y
MQ^Q_M
RHC
MK(2)
RS^Q_G
RS^H_A
RZQ
MI^W_S
CEP1
CE1
CE2
ML2B
C^J_{5-S}
CV
MVGQ
CC
RB
J
D-
-X
20-
Data