

# Made to Order Common Specifications: -XC42: Built-in Shock Absorber in Head Cover Side



## 43 Built-in Shock Absorber in Head Cover Side

Symbol  
**-XC42**

A type of the CG1 series air cylinder in which a special shock absorber is enclosed in the head portion so that its ability to absorb energy during the retraction of the cylinder is considerably greater than the current air cushion.

### Applicable Series

Series	Description	Model	Action	Note	Vol. no. (for std model)
CG1	Air cylinder	CG1-Z	Double acting, Single rod	Except head side trunnion and clevis types	②-1 From P. 292

### How to Order

CG1 Standard model no. -XC42  
Built-in shock absorber in head cover side ↓

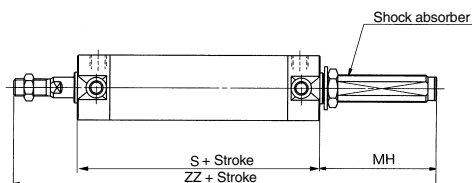


### Specifications

Piston speed	50 to 1000 mm/s
Additional specifications	Same as standard type

\* On the axial foot and head side flange types, the bracket is mounted at the time of shipment. Others are shipped together (but not assembled).

### Construction/Dimensions (Other dimensions are the same as CG1 long stroke cylinder.)



The shock absorber service life is different from that of the CG1 cylinder. Refer to the RB series Specific Product Precautions for the replacement period.

(mm)

Bore (mm)	Stroke range	Shock absorber	S	MH	ZZ
20	10 to 350	RBAC0806	77	23.5	135.5
25	10 to 400	RBAC1007	77	31	148
32	15 to 450	RBAC1412	79	55	174
40	15 to 800	RBAC2015	87	62.5	199.5
50	15 to 1200	RBAC2015	102	55.5	215.5
63	25 to 1200	RBAC2725	102	92.5	252.5

\* Shock absorbers are consumables.

The specifications for shock absorbers are the same as RBC□□□□, but use RBAC□□□□ when an external pressure is applied such as for a built-in cylinder.

The maximum absorption energy may decrease depending on the operating conditions.