

# Air Cylinder/Standard Type: Double Acting, Double Rod

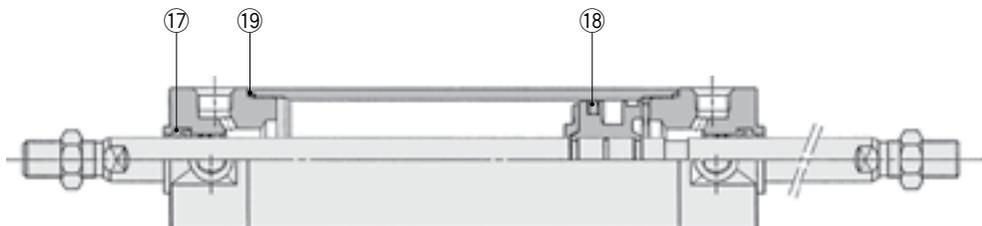
# Series CG1W

ø20, ø25, ø32  
ø40, ø50, ø63  
ø80, ø100

Replacement  
Procedure is  
P.281

## Construction

### With rubber bumper



### With air cushion



\* The numbers are the same as the "Construction" of the Best Pneumatics No.2 Series CG1W.

### Seal Kit List

No.	Description	Material	Note
17	Rod seal	NBR	
18	Piston seal		
19	Tube gasket		
20	Valve seal		
21	Valve retainer gasket		

### Disassembly/Replacement

## ⚠ Caution

#### 1. Do not replace the bushings.

The bushings are press-fit. To replace them, they must be replaced together with the cover assembly.

#### 2. To replace a seal, apply grease to the new seal before installing it.

If the cylinder is put into operation without applying grease to the seal, it could cause the seal to wear significantly, leading to premature air leakage.

#### 3. Cylinders with ø50 or larger bore sizes cannot be disassembled.

When disassembling cylinders with bore sizes ø20 through ø40, grip the double flat part of either the rod cover with a vise and loosen the other side with a wrench or a monkey wrench, etc., and then remove the cover. When re-tightening, tighten approximately 2 degrees more than the original position.

(Cylinders with ø50 or larger bore sizes are tightened with a large tightening torque and cannot be disassembled. If disassembly is required, please contact SMC.)

\*[BLUE](#) links will lead to purchase pages.

### Replacement Parts: Seal Kit

Bore size (mm)	Kit no.	Contents
<b>With rubber bumper</b>		
20	<a href="#">CG1WN20-PS</a>	Set of left nos. 17, 18, 19.
25	<a href="#">CG1WN25-PS</a>	
32	<a href="#">CG1WN32-PS</a>	
40	<a href="#">CG1WN40-PS</a>	
<b>With air cushion</b>		
20	<a href="#">CG1WA20-PS</a>	Set of left nos. 17, 18, 19, 20, 21.
25	<a href="#">CG1WA25-PS</a>	
32	<a href="#">CG1WA32-PS</a>	
40	<a href="#">CG1WA40-PS</a>	

Note) Order with a part number for each type and bore size.

\* The seal kit includes a grease pack (10 g).

Order with the following part number when only the grease pack is needed.

Grease pack part no.: GR-S-010 (10 g)