

Air Cylinder/Non-rotating Rod Type: Double Acting

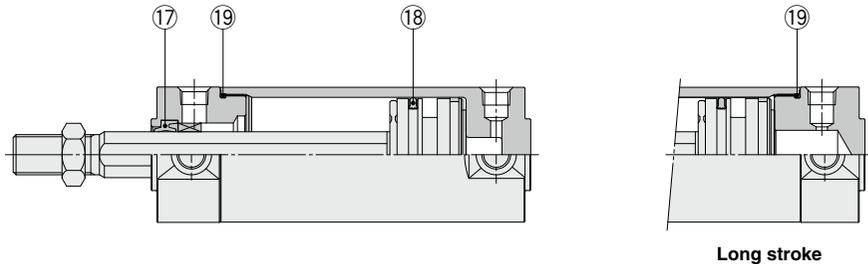
CG1K-Z Series

ø20, ø25
ø32, ø40
ø50, ø63

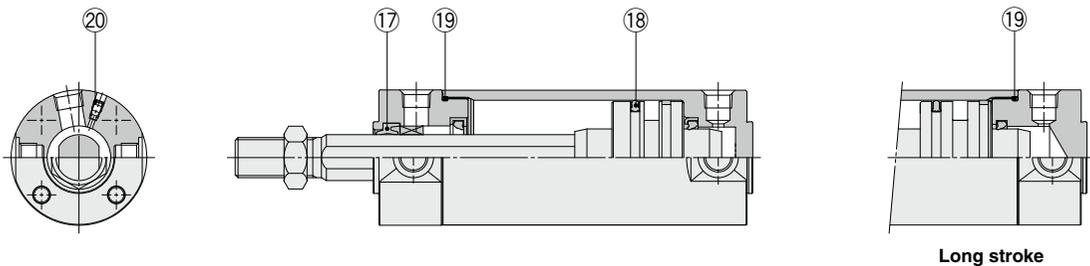


Construction

With rubber bumper



With air cushion



* The numbers correspond with those in the "Construction" of the CG1K-Z series in the **Web Catalog**.

Seal Kit List

No.	Description	Material	Note
17	Rod seal	NBR	20 is a non-replaceable part, so it is not included in the seal kit.
18	Piston seal		
19	Tube gasket		
20	Valve seal		

Replacement Parts: Seal Kit

Bore size (mm)	Part no.	Contents
20	CG1KN20Z-PS	Set of nos. 17, 18, 19
25	CG1KN25Z-PS	
32	CG1KN32Z-PS	
40	CG1KN40Z-PS	

* The seal kit includes a grease pack (10 g).
Order with the following part number when only the grease pack is required.

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

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 head cover or 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.)

4. Please consult with SMC when the rod seal is to be replaced.

A rod seal may allow air leakage depending on the position where it is installed. Therefore, please contact SMC when a rod seal is to be replaced.