

Lock-up Cylinder/Double Acting, Single Rod

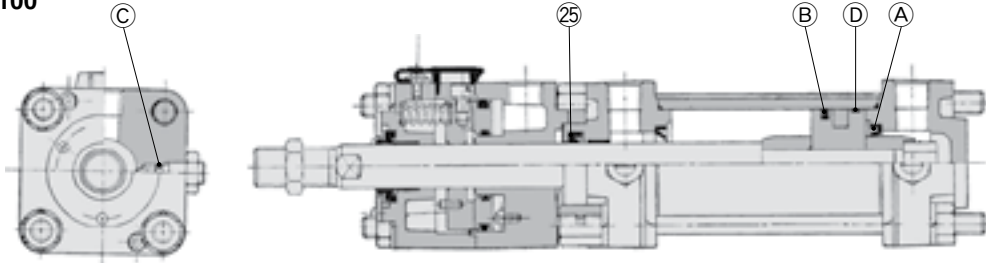
Series CL1

ø40, ø50, ø63, ø80, ø100
ø125, ø140, ø160

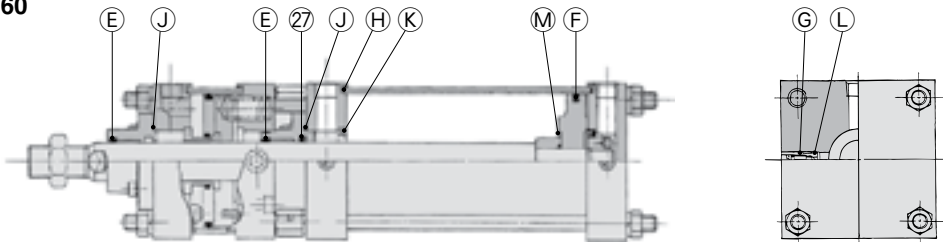
Replacement
Procedure is
P.343

Construction

ø40 to ø100



ø125 to ø160



* The numbers are the same as the "Construction" of the Best Pneumatics No.3 Series CL1.

Seal Kit List

No.	Description	Material	Note
CL1ø40 to ø100			
25	Rod seal	NBR	
A	Cushion seal		
B	Piston seal		
C	Cushion valve seal		
D	Cylinder tube gasket		
CL1ø125 to ø160			
27	Rod seal	NBR	
E	Wiper ring		
F	Piston seal		
G	Valve seal		
H	Tube gasket		
J	Retaining plate gasket		
K	Cushion seal		
L	Guide gasket		
M	Piston gasket		

K, L and M are non-replaceable parts, so they are not included in the seal kit.

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

Replacement Parts: Seal Kit

Bore size (mm)	Kit no.	Contents
40	CL40-PS	
50	CL50-PS	
63	CL63-PS	
80	CL80-PS	
100	CL100-PS	
125	CL125-PS	
140	CL140-PS	
160	CL160-PS	

* Since the lock section for Series CL1 is normally replaced as a unit, kits are for the cylinder section only. These can be ordered using the order number for each bore size.

* Seal kit includes a grease pack (ø40, ø50: 10 g, ø63, ø80: 20 g, ø100: 30 g, ø125 to ø160: 40 g).

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

Grease pack part no.: GR-S-010 (10 g), GR-S-020 (20 g)

* As for the center trunnion type, it is very difficult to adjust the position of the trunnion bracket and the center of the axis. Therefore repair at SMC is recommended.

Replacement Parts: Lock-up Unit

CL - 40 TN

Bore size
(mm)

Port thread type

Nil	Rc
TN	NPT
TF	G

* Consult with SMC when replacing the lock-up unit with a bore size of ø125 to ø160.