

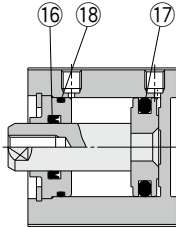
CQS/CQSY/CQSX Series

ø12
ø16
ø20
ø25

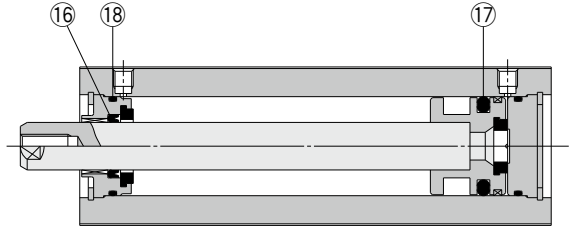
The Replacement Procedure is on p. 387

Construction

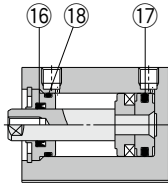
Basic type



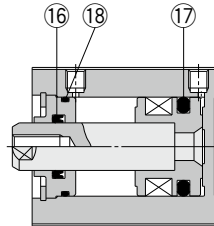
Long stroke type



With auto switch (built-in magnet)



ø12, ø16



ø20, ø25

* The figures above show the construction of the CQS series.
The numbers correspond with those in the "Construction" of the CQS series in the **Web Catalog**.

Seal Kit List

No.	Description	Material	Note
16	Rod seal	NBR	
17	Piston seal		
18	Tube gasket		

Replacement Parts: Seal Kit

Bore size (mm)	Part no.	Contents
Basic type		
12	CQSB12-PS	Set of nos. 16, 17, 18
16	CQSB16-PS	
20	CQSB20-PS	
25	CQSB25-PS	
Long stroke type		
12	CQSB12-L-PS	Set of nos. 16, 17, 18
16	CQSB16-L-PS	
20	CQSB20-L-PS	
25	CQSB25-L-PS	
Smooth cylinder		
12	CQSY12-PS	Set of nos. 16, 17, 18, and a grease pack (10 g)
16	CQSY16-PS	
20	CQSY20-PS	
25	CQSY25-PS	
Low speed cylinder		
12	CQSX12-PS	Set of nos. 16, 17, 18, and a grease pack (10 g)
16	CQSX16-PS	
20	CQSX20-PS	
25	CQSX25-PS	

* Order the seal kit based on each bore size. (The long stroke type includes 2 tube gaskets.)
* The seal kit for the standard type and long stroke type does not include a grease pack. It should be ordered separately.

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

* The seal kit for smooth/low speed cylinders includes a grease pack (10 g).

Order with one of the following part numbers when only the maintenance grease for smooth/low speed cylinders is required.

Grease pack part no.: GR-L-005 (5 g)
GR-L-010 (10 g)
GR-L-150 (150 g)

Actuators

Rotary Actuators
Air Grippers

Modular F.R.L.
Pressure Control Equipment

Air Preparation
Equipment

Industrial Filters

Replacement
Procedure

Actuators

Rotary Actuators
Air Grippers

Modular F.R.L.
Pressure Control Equipment

Air Preparation Equipment
Industrial Filters

Compact Cylinder/Standard Type: Single Acting, Single Rod

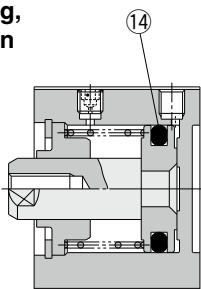
CQS Series

ø12, ø16, ø20, ø25

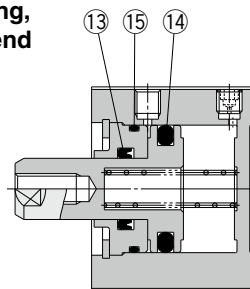
The Replacement Procedure is on p. 387

Construction

Single acting, spring return

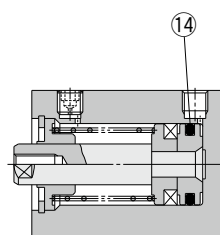


Single acting, spring extend



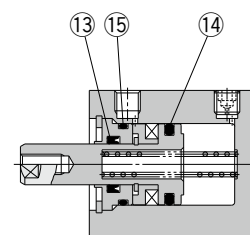
Single acting, spring return/ with auto switch (built-in magnet)

ø12, ø16

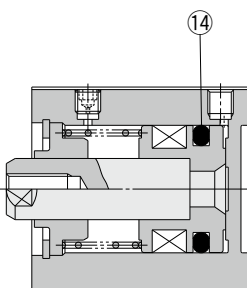


Single acting, spring extend/ with auto switch (built-in magnet)

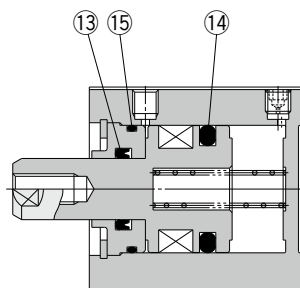
ø12, ø16



ø20, ø25



ø20, ø25



* The numbers correspond with those in the "Construction" of the CQS series in the **Web Catalog**.

Seal Kit List

No.	Description	Material	Note
13	Rod seal	NBR	
14	Piston seal		
15	Tube gasket		

Replacement Parts: Seal Kit

Bore size (mm)	Part no.	Contents
Single acting, spring return		
12	CQSB12-S-PS	No. 14
16	CQSB16-S-PS	
20	CQSB20-S-PS	
25	CQSB25-S-PS	

* Since the seal kit does not include a grease pack, it should be ordered separately.

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

Single acting, spring extend

12	CQSB12-T-PS	Set of nos. 13, 14, 15
16	CQSB16-T-PS	
20	CQSB20-T-PS	
25	CQSB25-T-PS	

* The seal kit includes 13, 14, 15. Order the seal kit based on each bore size.

* Since the seal kit does not include a grease pack, it should be ordered separately.

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

Actuators

Rotary Actuators
Air Grippers

Modular F.R.L.
Pressure Control Equipment

Air Preparation
Equipment

Industrial Filters

Replacement
Procedure

Actuators

Rotary Actuators
Air Grippers

Modular F.R.L.
Pressure Control Equipment

Air Preparation Equipment
Industrial Filters