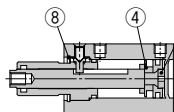


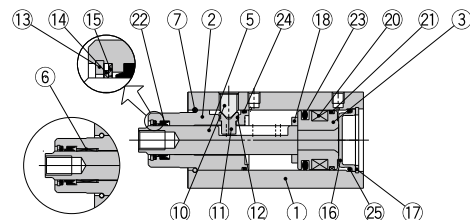
MK Series

Construction

New MK12, 16

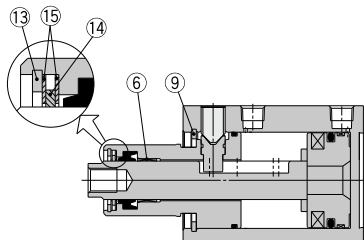


New MK20 to 32

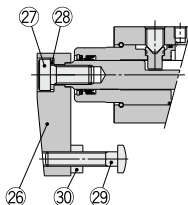


MK□32-□Z

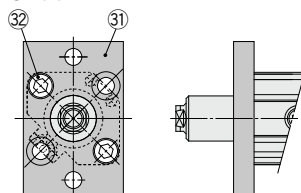
New MK40 to 63



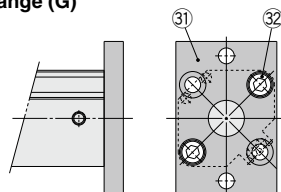
With arm (N)



Rod flange (F)



Head flange (G)



Component Parts

No.	Description	Material	Note
1	Cylinder tube	Aluminum alloy	Hard anodized
2	Rod cover	Aluminum alloy	Hard anodized
3	Piston	Aluminum alloy	
4	Magnet holder	Aluminum alloy	
5	Piston rod	Stainless steel	ø12 to ø25 Nitriding
		Carbon steel	ø32 to ø63 Heated, Nickel plated
6	Bushing	Copper bearing material	ø32 to ø63 only
7	Stop ring	Stainless steel	ø20 to ø32 only
8	Round R-type retaining ring	Carbon tool steel	ø12, ø16 only
9	C-type retaining ring	Carbon tool steel	ø40 to ø63 only
10	Hexagon socket head set screw	Chromium molybdenum steel	Sharp end section: 90°
11	Guide pin	Stainless steel	Nitriding
12	O-ring	NBR	
13	Round R-type retaining ring	Carbon tool steel	Except ø12, ø16
14	Coil scraper	Phosphor bronze	Except ø12, ø16
15	Scraper pressure	Stainless steel	Except ø12, ø16
16	Head cover	Rolled steel	Electroless nickel plated
17	C-type retaining ring	Carbon tool steel	ø20 to ø32 only

Component Parts

No.	Description	Material	Note
18	Bumper	Urethane	
19	Bumper B	Urethane	ø12, ø16 only
20	Magnet	—	
21	Wear ring	Resin	Except ø12, ø16
22	Rod seal	NBR	
23	Piston seal	NBR	
24	Gasket	NBR	
25	O-ring	NBR	ø20 to ø32 only
26	Arm	Rolled steel	
27	Hexagon socket head cap screw	Chromium molybdenum steel	
28	Spring washer	Hard steel	
29	Clamp bolt	Chromium molybdenum steel	
30	Hexagon nut	Rolled steel	
31	Flange	Rolled steel	Rod flange is not compatible with the head flange.
32	Hexagon socket head cap screw	Chromium molybdenum steel	Qty. ø12, ø16, ø32 to ø40: 4 pcs. ø20, ø25: 2 pcs.

Replacement Parts/Seal Kit

Bore size (mm)	ø12	ø16	ø20	ø25	ø32	ø40	ø50	ø63
Kit no.	CQSB12-PS	CQSB16-PS	MK20Z-PS	MK25Z-PS	MK32Z-PS	MK2T40-PS	MK2T50-PS	MK63Z-PS
Contents	Set of nos. above 22 23 24				Set of nos. above 14 22 23 24			

* Seal kit includes numbers in the table. Order the seal kit, based on each bore size.

* Since the seal kit does not include a grease pack, order it separately. Grease pack part no.: GR-S-010 (10 g)

Replacement Parts/Guide Pin Kit

Bore size (mm)	ø12	ø16	ø20	ø25	ø32	ø40	ø50	ø63
Kit no.	MK12Z-GS	MK16Z-GS	MK20Z-GS	MK25Z-GS	MK32Z-GS	MK40Z-GS	MK50Z-GS	MK63Z-GS
Contents	Set of nos. above 10 11 12							

* Guide pin kit includes numbers in the table. Order the guide pin kit, based on each bore size.

* For the replacement procedure of the replacement parts/seal and guide pin kits, refer to the Operation Manual.