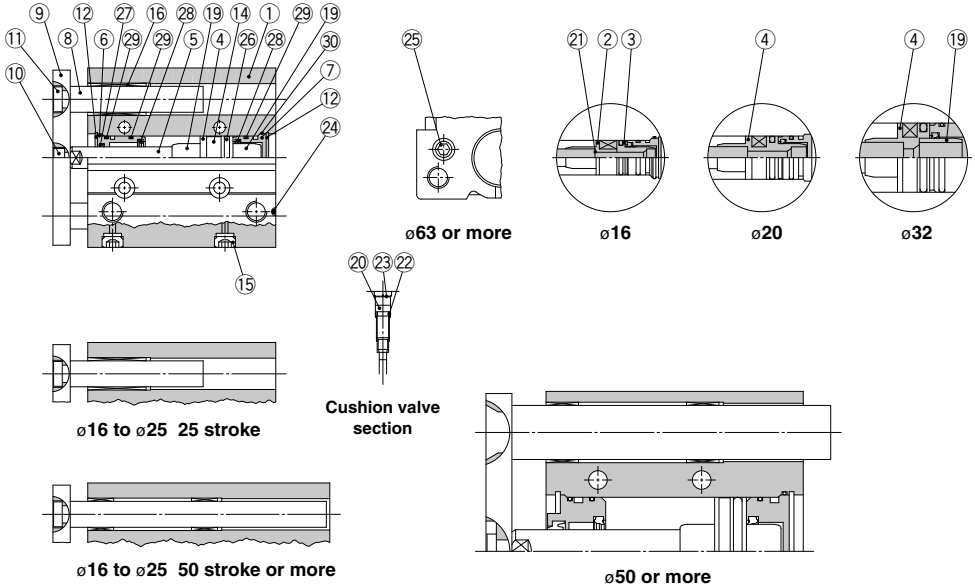


Construction (With Air Cushion)/MGPM Series

MGPM



Component Parts

No.	Description	Material	Note
1	Body	Aluminum alloy	Hard anodized
2	Piston A	Aluminum alloy	ø16
3	Piston B	Aluminum alloy	ø16
4	Piston	Aluminum alloy	ø20 to ø100
5	Piston rod	Stainless steel	ø16 to ø25
6	Collar	Carbon steel	ø32 to ø100 Hard chrome plating
7	Head cover	Aluminum alloy	Chromated
8	Guide rod	Carbon steel	Hard chrome plating
9	Plate	Carbon steel	Nickel plating
10	Plate mounting bolt	Carbon steel	Nickel plating
11	Guide bolt	Carbon steel	Nickel plating
12	Retaining ring	Carbon tool steel	Phosphate coated
13	Retaining ring	Carbon tool steel	Phosphate coated
14	Magnet	—	—
15	Plug	Carbon steel	ø16 ø20 to ø100 Nickel plating
16	Slide bearing	Bearing alloy	—
17	Ball bushing	—	—
18	Spacer	Aluminum alloy	—
19	Cushion ring	Aluminum alloy	ø25 to ø100 Anodized
20	Cushion valve	—	ø16 to ø32 Electroless nickel plating
		—	ø50 to ø100 Chromated
	Cushion needle	—	ø40 only Electroless nickel plating

※: A felt is not installed on the slide bearing.

Component Parts

No.	Description	Material	Note
21	Gasket	NBR	ø16
22	Gasket	NBR	—
23	Retaining ring	Carbon tool steel	ø50, ø63 Phosphate coated
24	Steel ball	Carbon steel	ø16 to ø50
25	Plug	Carbon steel	ø63 to ø100 Nickel plating
26*	Piston seal	NBR	—
27*	Rod seal	NBR	—
28*	Cushion seal	Urethane	—
29*	Gasket A	NBR	—
30*	Gasket B	NBR	—

Replacement Parts/Seal Kit

Bore size [mm]	Kit no.	Contents	Bore size [mm]	Kit no.	Contents
16	MGP16-AZ-PS	Set of nos. 26, 27, 28, 29, 30	50	MGP50-AZ-PS	Set of nos. above
20	MGP20-AZ-PS		63	MGP63-AZ-PS	26, 27, 28, 29, 30
25	MGP25-AZ-PS		80	MGP80-AZ-PS	
32	MGP32-AZ-PS		100	MGP100-AZ-PS	
40	MGP40-AZ-PS				

※: Seal kit includes 26 to 30. 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)