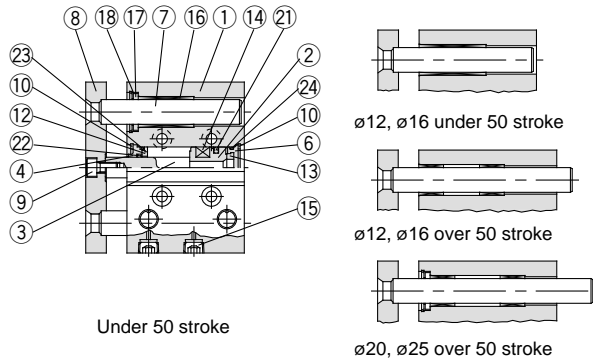


Series MGP

Construction

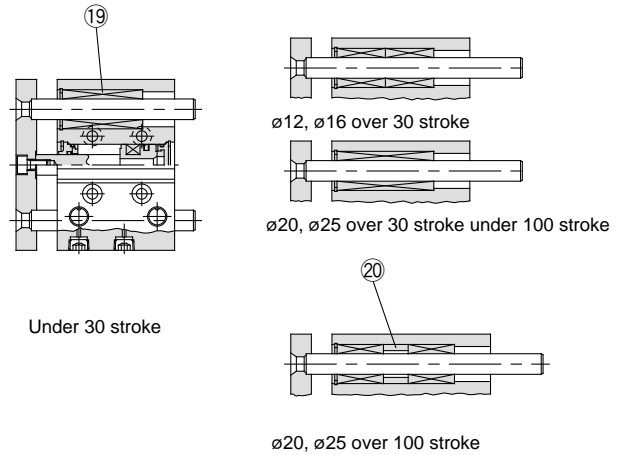
Series MGPM

MGPM12 to 25

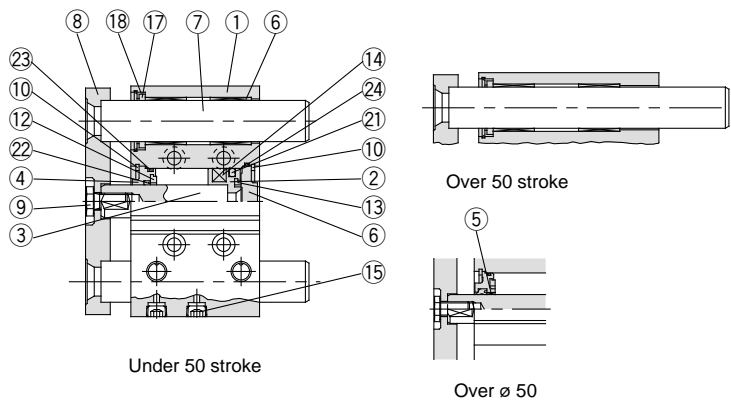


Series MGPL

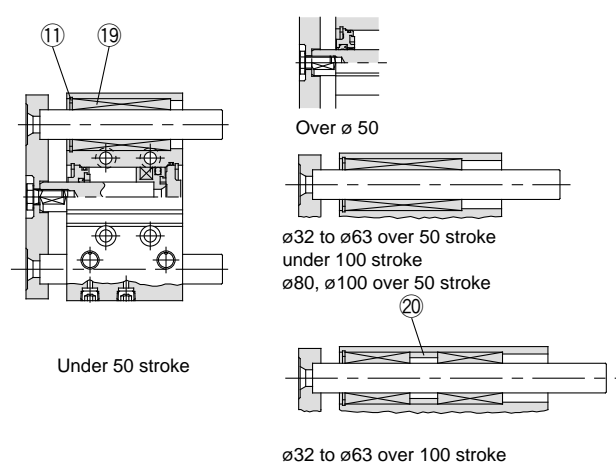
MGPL12 to 25



MGPM32 to 100



MGPL32 to 100



Component Parts

No.	Description	Material	Note
①	Body	Aluminum alloy	Hard anodized
②	Piston	Aluminum alloy	Chromated
③	Piston rod	Stainless steel	ø12 to ø25
		Carbon steel	ø32 to ø100 Hard chrome plated
④	Collar	Aluminum bearing alloy	ø12 to ø40 White anodized
		Aluminum alloy cast	ø50 to ø100 Coated
⑤	Bushing	Lead bronze cast	ø50 to ø100
⑥	Head cover	Aluminum alloy	ø12 to ø25 White anodized
			ø32 to ø100 Coated
⑦	Guide rod	Carbon steel	Hard chrome plated
⑧	Plate	Carbon steel	Nickel plated
⑨	Bolt for plate mounting	Carbon steel	Nickel plated
⑩	Retaining ring	Carbon tool steel	Phosphate coated
⑪	Retaining ring	Carbon tool steel	Phosphate coated

Replacement Parts: Seal Kits

Bore size (mm)	Kit No.	Contents
12	MGP12-PS	Set of includes ②①, ②②, ②③ and ②④.
16	MGP16-PS	
20	MGP20-PS	
25	MGP25-PS	
32	MGP32-PS	

*Seal kit includes piston seal ②①, rod seal ②②, gasket A ②③ and gasket B ②④. Order a seal kit according to applicable bore size.

Component Parts

No.	Description	Material	Note
⑫	Bumper A	Urethane	
⑬	Bumper B	Urethane	
⑭	Magnet	Synthetic rubber	
⑮	Plug(M-5P) Hex. socket head tapered plug	Brass	ø12, ø16 Nickel plated
		Carbon steel	ø20 to ø100 Nickel plated
⑯	Slide bearing	Lead bronze cast	
⑰	Felt	Felt	
⑱	Holder	Carbon steel	
⑲	Ball bushing		
⑳	Spacer	Aluminum alloy	
⑲*	Piston seal	NBR	
⑲*	Rod seal	NBR	
⑲*	Gasket A	NBR	
⑲*	Gasket B	NBR	

Replacement Parts: Seal Kits

Bore size (mm)	Kit No.	Contents
40	MGP40-PS	Set of includes ②①, ②②, ②③ and ②④.
50	MGP50-PS	
63	MGP63-PS	
80	MGP80-PS	
100	MGP100-PS	