

## MGP series new thin rod cylinder



MGPM 16-10

### Reference model

MGP	M	-	32×50
Series code	M: Slip bearing L: Ball bearing		Cylinder inner diameter x Stroke

### Technical specification

Cylinder diameter (mm)	12	16	20	25	32	40	50	63	80	100
Acting mode	Air (Cleaned by 40μm filter)									
Working medium	Double acting									
Highest operating pressure	1.0Mpa									
Lowest operating pressure	0.12Mpa	0.1Mpa								
Ambient and fluid temperature	-10~60°C Not frozen									
Piston speed	50~1000mm/s									
Buffering mode	Rubber buffer on two ends									
Stroke length tolerance (mm)	0+1.5mm									
Lubrication oil	Not need									
Bearing	Slipping bearing /ball bearing									
Piston rod non-rotation -back accuracy	Slip bearing	±0.08°		±0.07°		±0.06°		±0.05°		±0.04°
	Ball bearing	±0.10°		±0.09°		±0.08°		±0.06°		±0.05°
Port size	M5×0.8		1/8				1/4		3/8	
Body material	Aluminum alloy									

### Stroke

Cylinder diameter (mm)	Standard stroke(mm)												
12	10	20	30	40	50	100	125	150	175	200	250		
16	10	20	30	40	50	100	125	150	175	200	250		
20	20	30	40	50	75	125	150	175	200	250	300	350	400
25	20	30	40	50	75	125	150	175	200	250	300	350	400
32	25	50	75	100	125	150	175	200	250	300	350	400	
40	25	50	75	100	125	150	175	200	250	300	350	400	
50	25	50	75	100	125	150	175	200	250	300	350	400	
63	25	50	75	100	125	150	175	200	250	300	350	400	
80	25	50	75	100	125	150	175	200	250	300	350	400	
100	25	50	75	100	125	150	175	200	250	300	350	400	

### Selection of sensor switch

Inner diameter	12	16	20	25	32	40	50	63	80	100
Model	D-Z73									
Sensor switch										

### Technical specification

