SR Series Slide cylinder

SRB 16x100

How to Order?

SR -- [ ] -- 20x50 – S

- SR: Sliding cylinder
- B: Body fixed type; L: Slide block fixed type
- Bore x Stroke: 10–25mm; 0–250mm
- S: Always with magnet

Order example:
* SR type sliding cylinder, body fixed type, 20mm bore, 50mm stroke, Model: SRB 20X50-S
* SR type sliding cylinder, slide block fixed type, 16mm bore, 75mm stroke, Model: SRL 16X75-S

Specifications

Bore(mm)	10	16	20	25
Acting type	Double piston Double acting			
Working medium	Clean air (25 μ filteration)			
Working temperature (℃)	–5~70			
Working pressure (Bar)	1–9			
Guaranteed pressure (Bar)	13.5			
Speed range (mm/s)	50–200			
Cushion type	No	Shock Absorber		
Oil supply	Not Required			
No rotating accurag	± 0.1°	± 0.5°		
Port Size	M5x0.8			G 1/8

SG Series Three–shaft cylinder

How to Order?

SG -- [ ] -- 20x50 – S

- SG: SMC MGP three–shaft cylinder with Magnet
- M: Slide bearing type; B: Ball bearing type
- Bore x Stroke: 12–100mm; 0–200mm
- S: Always with magnet

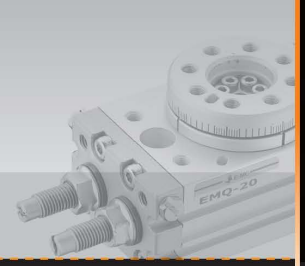
Order example:
* SG type three-shaft cylinder, slide bearing type, 20mm bore, 60mm stroke, Model: SGM 20X60-S
* SG type three-shaft cylinder, ball bearing type, 32mm bore, 75mm stroke, with magnet, Model: SGB 32X75-S

SGM16x30-S

Specifications

Bore(mm)	12	16	20	25	32	40	50	63	80	100
Guaranteed pressure (Bar)	15.3									
Working pressure (Bar)	1.2~10.2									
Working temperature (℃)	–10~60									
Piston speed (mm/s)	50–500									50–400
Cushion	Rubber cushion									

Bore(mm)		12	16	20	25	32	40	50	63	80	100
Tolerance of stroke		+1.5 0									
Bearing		Slide bearing / Ball bushing bearing									
Non–rotating accuracy	Slide bearing	± 0.08°			± 0.07°		± 0.06°		± 0.05°		± 0.04°
	Ball bushing bearing	± 0.10°			± 0.09°		± 0.08°		± 0.06°		± 0.05°
Port Size		M5x0.8			G 1/8			G 1/4			G 3/8



SW Series Rodless cylinder

SWB 15x125

How to Order?

SW -- [ ] -- 20x50 -- S

- SW: SMC CY1 Series Rodless cylinder
- B: Basic type; S: Slide type; L: Ball bushing bearing; R: Magnetically Coupled Rodless Cylinder–Direct Mount; RG: Magnetically Coupled Rodless Cylinder Direct Mount–Single Joint type
- Bore x Stroke: 10–63mm; 0–1000mm
- Blank: No magnet

Order example:
* SW type Rodless cylinder, basic type, 20mm bore, 50mm stroke, Model: SWB 20X50
* SW type Rodless cylinder, slide type, 15mm bore, 75mm stroke, Model: SWS 15X75

Specifications

Bore(mm)	10	15	25	32	40	50	63
Working Medium	Clean air (25 μ filteration)						
Acting Type	Double acting						
Guaranteed pressure (Bar)	10.5						
Working pressure (Bar)	1.8–7.1						
Working temperature (℃)	5–60						
Piston speed (mm/s)	50–400						
Cushion	with rubber cushion at two sides						
Tolerance of stroke	0~250: $+^{1.0}_{0}$, 251~1000: $+^{1.4}_{0}$, 1001: $-^{1.8}_{0}$						
Lubrication	Not required						
Port Size	M5x0.8		G 1/8			G 1/4	

EMQ Series Rotary Table, Rack & Pinion Cylinder

How to Order?

EMQ -- B -- 30 -- A – S

- EMQ: SMC MSQ type
- Basic type
- Bore: 10–200mm
- A: with adjustable angle screw; R: with shock absorber
- S: Always with magnet

Order example:
* EMQ Series Rotary Cylinder, Bore 10mm,with adjustable angle screw, Model: EMQB10A–S
* EMQ Series Rotary Cylinder, Bore 30mm,with shock absorber, Model: EMQB30R–S

Hot

EMQ-20

Specifications

Bore SizZe(mm)		10	20	30	50	70	100	200
Working Medium		Clean air (25 μ filteration)						
Acting Type		Double acting						
Max. Working Pressure	With adjustable angle screw(Bar)	10						
	With shock absorber(Bar)	6						
Min. Working Pressure (Bar)		1						
Working Temperature (℃)		0~60						
Cushion		Rubber Cushion (Standard) /Shock Absorber (Optional)						
Allowed Power	With adjustable angle screw	0.007J	0.025J	0.048J	0.081J	0.24J	0.32J	0.56J
	With shock absorber	0.039J	0.116J		0.294J	1.1J	1.6J	2.9J

Bore Size(mm)	10	20	30	50	70	100	200
Angle adjustable Range	0~190°						
Max. Rotation Angle	190°						
Steady Swing Time Range	0.2~1.0s / 90°			0.2~1.5s / 90°	0.2~2.0s / 90°		0.2~2.5s / 90°
	0.2~0.7s / 90°			0.2~1.0s / 90°			
Piston Diameter	Φ15	Φ18	Φ21	Φ25	Φ28	Φ32	Φ40
Port Size	M5X0.8			$G^{1}/_{8}$			