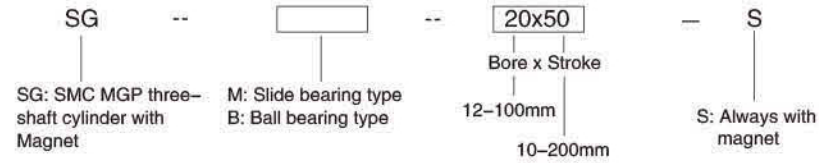


SG Series Three-shaft cylinder



SGM16x30-S

How to Order?



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

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 (°C)	-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	± 0.08°	± 0.07°	± 0.06°	± 0.05°	± 0.04°					
Ball bushing bearing accuracy	± 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?



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

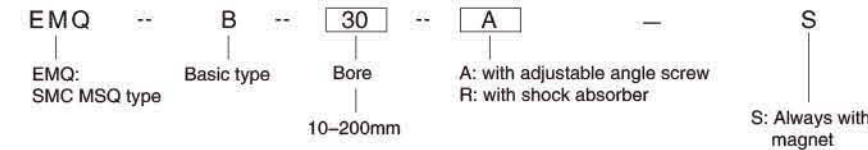
Bore(mm)	6	10	15	25	32	40	50	63
Working Medium	Clean air (25 μ filtration)							
Acting Type	Double acting							
Guaranteed pressure (Bar)	10.5							
Working pressure (Bar)	1.8-7.1							
Working temperature (°C)	5-60							
Piston speed (mm/s)	50-400							
Cushion	with rubber cushion at two sides							
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



EMQ-20

How to Order?



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

Specifications

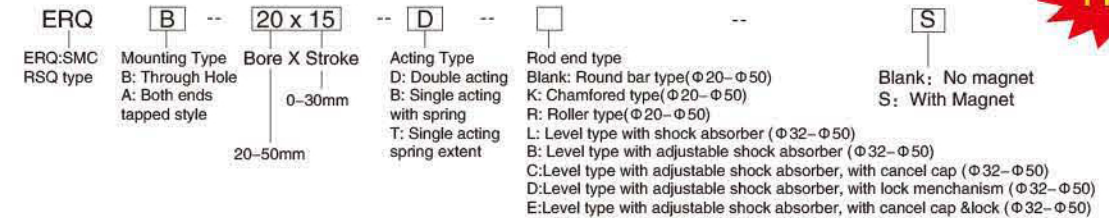
Bore Size(mm)	10	20	30	50	70	100	200	Bore Size(mm)	10	20	30	50	70	100	200
Working Medium	Clean air (25 μ filtration)														
Acting Type	Double acting														
Max. Working Pressure	With adjustable angle screw (Bar): 10; With shock absorber (Bar): 6														
Min. Working Pressure (Bar)	1														
Working Temperature (°C)	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
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°					
Piston Diameter	φ 15	φ 18	φ 21	φ 25	φ 28	φ 32	φ 40								
Port Size	M5X0.8							G 1/8							

ERQ Series Stopper Cylinder(Fixed Mounting height)



ERQA 60x75R

How to Order?



Order example:

- * ERQ Series Cylinder, Bore 20mm, stroke 15mm, through hole mounting, double acting spring, chamfered type, Model: ERQB 20x15BK
- * ERQ Series Cylinder, Bore 40mm, stroke 30mm, with magnet, both ends female thread, single acting spring extent, level type(with adjustable shock absorber), Model: ERQA 40x30TCS

Specifications

Bore Size(mm)	20	32	40	50	Bore Size(mm)	20	32	40	50
Acting Type	Double acting, Double acting with spring, Single acting spring extent								
Rod Ends Type	Round bar type, Chamfered type, Roller type		Round bar type, Chamfered type, Roller type, Level type (with shock absorber)						
Working Medium	Clean air (25 μ filtration)								
Guaranteed Pressure(Bar)	15								
Max. Working Pressure(Bar)	10								
Working Temperature	-10-70 (with magnet switch: max. 60°C)								
Cushion	Both ends rubber cushion								
Stoke Tolerance	+1.4mm / 0								
Lubrication*	Not Required								
Mounting Type	Through hole, both ends female thread								
Port Size	Rc(PT) 1/8								