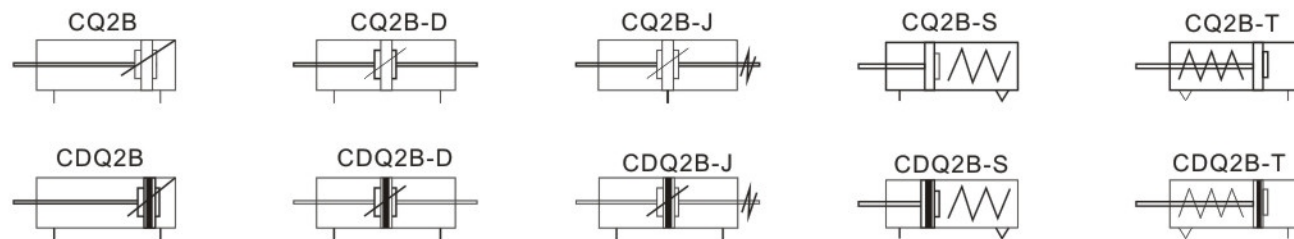


CQ2 Series Compact Cylinder



Ordering Code CQ2 Series Compact Cylinder

C	-	□	Q2	-	B	-	12	-	10	-	D	-	M
		Magnet		Mounting Type		Bore		Stroke					
		Blank : No Magnet D: With Magnet		B:Through Hole A:Female thread at both ends		Double Acting:12~100MM Single acting :12~50MM		Blank:Double Acting S:Single acting spring extent T:Single acting spring reurn D:Double Shaft double Acting J:Double Shaftdouble Actin Adjustable Type					Blank:Female thread on piston rod M:Male thread on piston rod

Specification

Bore size(mm)	12	16	20	25	32	40	50	63	80	100
Working medium	Clean air(40μm Filtration)									
Acting type	Double acting Single acting spring extent/ Single acting spring return									
Guaranteed pressure	1.5Mpa									
Max.working pressure	1.0Mpa									
Working temperature	5~60℃									
Thread on piston rod	Female thread(Standard),Male thread (Optional)									
Tolerance of stroke	+1.0 0									
Lubication	Not Required									
Installation(On barrel ends)	Through hole(standard),female thread on both sides(optional)									
Port size	M5X0.8		G1/8		G1/4		G3/8			

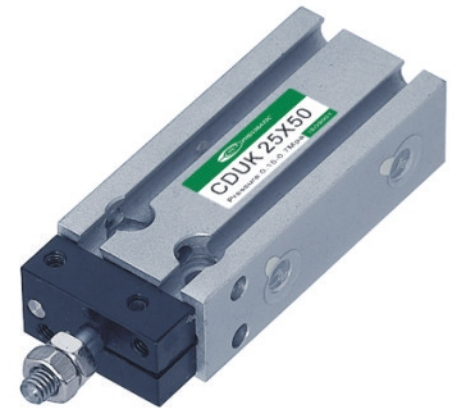
CU Series Free Installation Cylinder

Ordering Code CU Series Free Installation Cylinder

C	□	U	-	K	2	0	-	3	0	-	D
		Blank: Basic type K: No-Swivelling piston rod		Stroke		Bore					
		Blank: No Magnet D: With Magnet				6-6MM 10-10MM 16-16MM 20-20MM 25-25MM 32-32MM		D: Double Acting S: Single acting spring extent T: Single acting spring return			

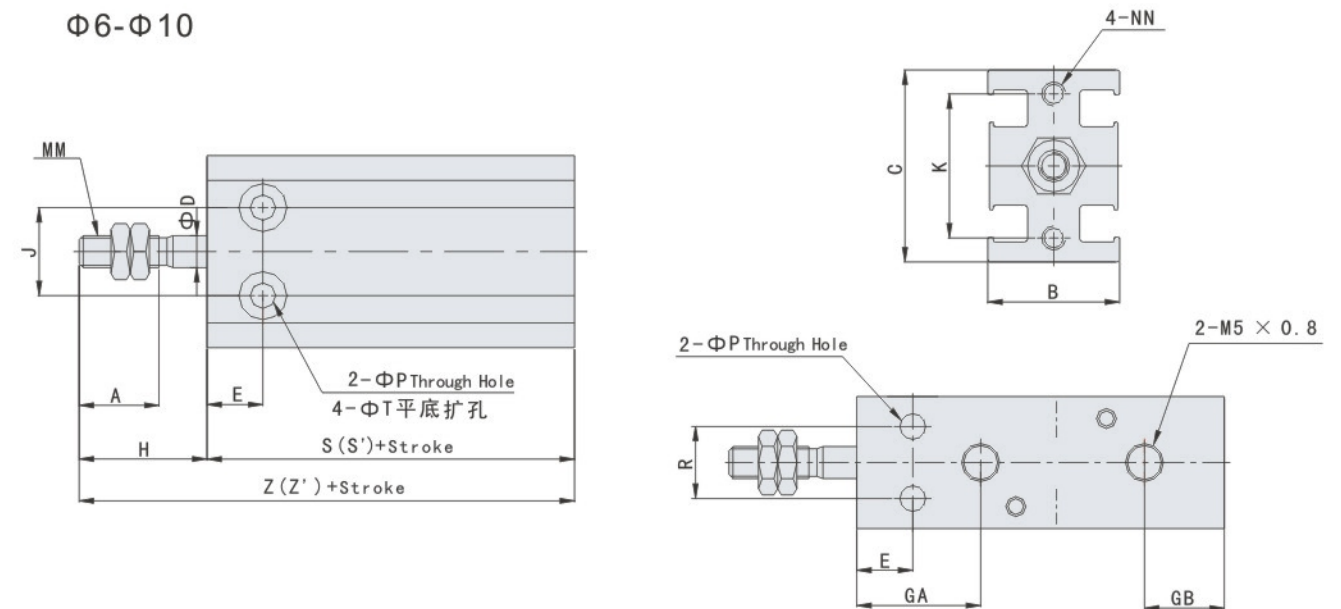
Specification

Bore size(mm)	6	10	16	20	25	32
Working medium	Clean air(40μm Filtration)					
Acting type	Double acting Single acting spring extent/Single acting spring return					
Guaranteed pressure	1.0Mpa					
Max.working pressure	0.7Mpa					
Working temperature	5~60℃					
Cushion	Rubber Cushion					
Tolerance of stroke	+0.1 0					
Lubrication	Not Required					
Installation(On barrel ends)	Free					
Non-rotating accuracy	±0.8°		±0.5°			
Port size	M5X0.8		G1/8			



Main Dimensions

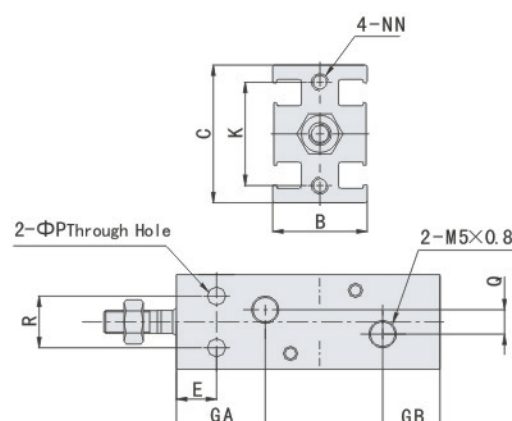
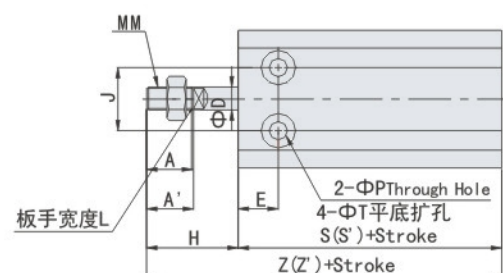
Φ6-Φ10



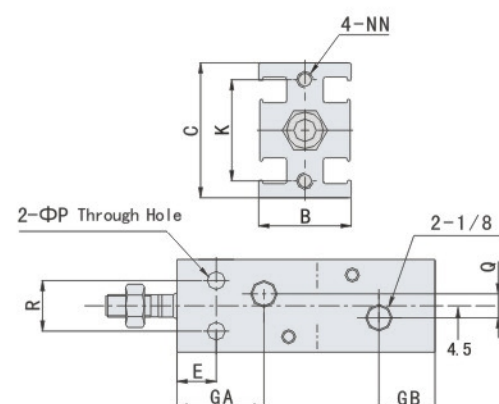
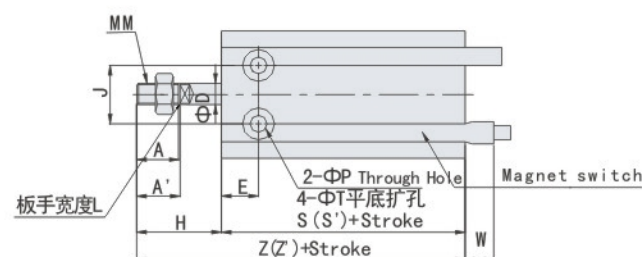
Cu Series Free Installation Cylinder

Main Dimensions

Φ16-Φ25



Φ32



Common Dimension Table

Model	A	A1	B	C	ΦD	E	GA	GB	J	K	L	MM	NN	ΦP	Q	R	ΦT
C□U6	7	—	13	22	3	7	14.5	10	10	17	—	M3X0.5	M3X0.5Depth5	3.4	—	7	6Depth4.8
C□U10	10	—	15	24	4	7	15.5	10	11	18	—	M4X0.7	M3X0.5Depth5	3.4	—	9	6Depth5
C□U16	11	12.5	20	32	6	7	16.5	11.5	14	25	5	M5X0.8	M4X0.7Depth6	4.5	4	12	7.6Depth6.5
C□U20	12	14	26	40	8	9	19	12.5	16	30	6	M6X1.0	M5X0.8Depth8	5.5	9	16	9.5Depth8
C□U25	15.5	18	32	50	10	10	21	13	20	38	8	M8X1.25	M5X0.8Depth8	5.5	9	20	9.5Depth9
C□U32	19.5	22	40	62	12	11	22	13	24	48	10	M10X1.25	M6X1.0Depth9	6.6	13.5	24	11Depth11.5

Dimension Table of Dimension Table

Model	H	Basic model		Model with built-in magnetic ring		
		S	Z	W	S'	Z'
C□U6-□D	13	33	46	2.5	33	46
C□U10-□D	16	36	52	1	36	52
C□U16-□D	16	30	46	0	40	56
C□U20-□D	19	36	55	1	46	65
C□U25-□D	23	40	63	-1	50	73
C□U32-□D	27	42	69	-4	52	79

Dimension Table of Single-acting Cylinder (with spring return)

Model	H	Basic model						W	Model with built-in magnetic ring					
		S			Z				S'			Z'		
		5st	10st	15st	5st	10st	15st		5st	10st	15st	5st	10st	15st
C□U6-□S	13	38	43	48	51	56	61	2.5	38	43	48	51	56	61
C□U10-□S	16	41	46	56	57	62	72	1	41	46	56	57	62	72
C□U16-□S	16	35	40	50	51	56	66	0	45	50	60	61	66	76
C□U20-□S	19	41	46	56	60	65	75	1	51	56	66	70	75	85
C□U25-□S	23	45	50	60	68	73	83	-1	55	60	70	78	83	93
C□U32-□S	27	47	52	62	74	79	89	-4	57	62	72	84	89	99

Dimension Table of Single-acting Cylinder (With Spring Extend)

Model	H			Basic model						W	Model with built-in magnetic ring					
				S			Z				S'			Z'		
	5st	10st	15st	5st	10st	15st	5st	10st	15st		5st	10st	15st	5st	10st	15st
C□U6-□T	18	23	28	38	43	48	56	66	76	2.5	38	43	48	56	66	76
C□U10-□T	21	26	31	41	46	56	62	72	87	1	41	46	56	62	72	87
C□U16-□T	21	26	31	45	50	60	66	76	91	0	45	50	60	66	76	91
C□U20-□T	24	29	34	41	46	56	65	75	90	1	51	56	66	75	85	100
C□U25-□T	28	33	38	45	50	60	73	83	98	-1	55	60	70	83	93	108
C□U32-□T	32	37	42	47	52	62	79	89	104	-4	57	62	72	89	99	114

TN Series Double-shaft Cylinder

Ordering Code TN Series Double-shaft Cylinder

TN	-	20	X	50	-	S
		Bore		Stroke		Magnet
TN: Double-shaft Cylinder Blank: No Magnet D: With Magnet						

Specification

Bore size(mm)	10	16	20	25	32
Working medium	Clean air(40μm Filtration)				
Acting type	Double acting				
Working pressure range	0.1~0.9Mpa				
Guaranteed pressure	1.5Mpa				
Working temperature	-5~70℃				
Speed range	100~500mm/s				
Adjusting Stroke	-10~0				
Cushion type	Adjustable cushion				
Non-rotating Accuracy	0.4°	0.3°			
Port size	M5X0.8				G1/8



STM Series Slide Cylinder

Ordering Code STM Series Slide Cylinder

STM	-	B	-	25	X	100
		B: Body fixed type S: Slide Block fixed type			Stroke	
STM: STM Series Slide Cylinder Bore: 10: 10mm, 16: 16mm, 20: 20mm, 25: 25mm						

Specification

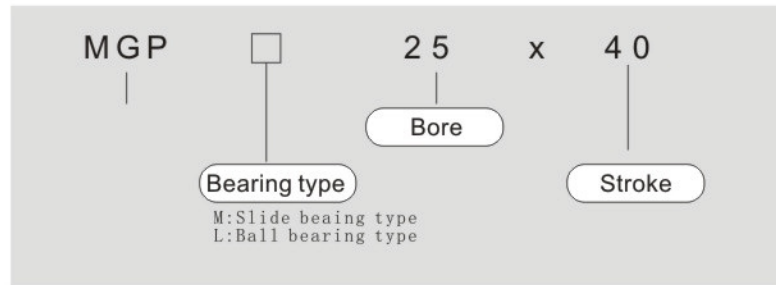
Bore size(mm)	10	16	20	25
Acting type	Double acting			
Working medium	Clean air(40μm Filtration)			
Working temperature	-5~70℃			
Working pressure range	0.1~0.9Mpa			
Guaranteed pressure	1.35Mpa			



Bore size(mm)	10	16	20	25
Speed range	50~200mm/s			
Cushion type	No	Shock absorber		
Oil supply	No required			
No rotating accuracg	±0.1°	±0.05°		
Port size	M5X0.8			G1/8

MGP Series Three-shaft Cylinder

Ordering Code MGP Series Three-shaft Cylinder

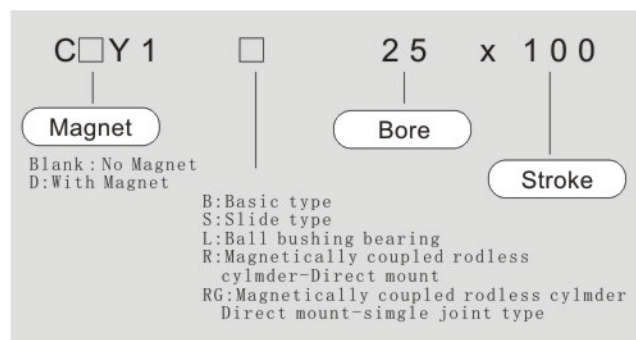


Specification

Bore size(mm)		12	16	20	25	32	40	50	63	80	100
Working medium		Clean air(40µm Filtration)									
Acting type		Double acting									
Guaranteed pressure		1.5Mpa									
Working pressure range		0.12-1.0Mpa									
Bearing		Slide bearing/Ball bushing bearing									
Non-rotating accuacy	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		G1/8			G 1/4		G3/8		

Cy1 Series Rodless Cylinder

Ordering Code Cy1 Series Rodless Cylinder

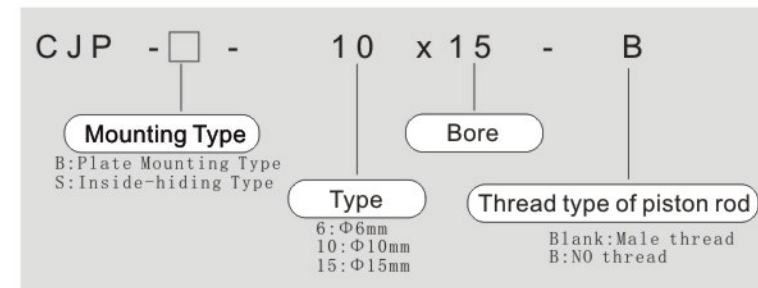


Bore size(mm)	6	10	15	25	32	40	50	63
Acting type	Double acting							
Working medium	Clean air(40µm Filtration)							
Working temperature	-5~60℃							
Working pressure range	0.18~0.71Mpa							
Guaranteed pressure	1.05Mpa							

Bore size(mm)	6	10	15	25	32	40	50	63
Speed range	50~400mm/s							
Cushion type	Rubber Cushion							
Lubrication	No repuired							
Port size	M5X0.8		G1/8		G1/4			

CJP Series Needle Cylinder

Ordering Code CJP Series Needle Cylinder



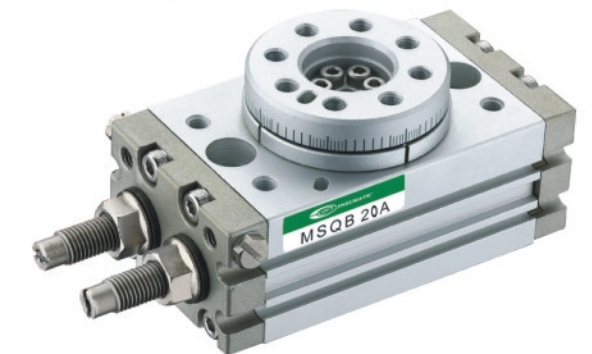
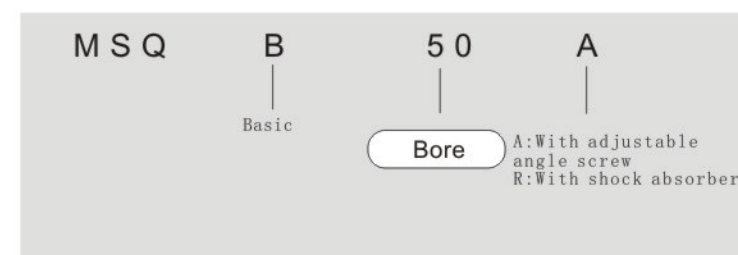
Specification

Bore size(mm)	6	10	15
Working medium	Clean air(40μm Filtration)		
Acting type	Single acting spring return		
Working pressure range	0.2~0.7Mpa	0.15~0.7Mpa	
Guaranteed pressure	1.05Mpa		

Bore size(mm)	6	10	15
Working temperature	-5~60℃		
Stroke Tolerance	+1.0 0		
Port size	M5X0.8(Plate mounting type)		
Cushion	No		

MSQ Series Rotary Table,Rack& Pinion Cylinder

Ordering Code MSQ Series Rotary Table,Rack& Pinion Cylinder



Specification

Bore size(mm)		10	20	30	50	70	100	200
Working medium		Clean air(40μm Filtration)						
Working pressure range		With adjustable angle screw : 0.1~1.0Mpa With shock absorber: 0.1~0.6Mpa						
Cushion type		Cushion Rubber cushion(standard) / Shock absorber(coptional)						
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°						
Steady swing time rang		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		Φ 15	Φ 18	Φ 21	Φ 25	Φ 28	Φ 32	Φ 40
Port size		M5X0.8			G1/8			