

Made to Order Common Specifications: -XC12: Tandem Cylinder



24 Tandem Cylinder

Symbol
-XC12

This is a cylinder produced with two air cylinders in line allowing double the output force.

Applicable Series

Series	Description	Model	Action	Note	Vol. no. (for std model)
CM2	Air cylinder	CM2-Z	Double acting, Single rod	Except with air cushion	Web Catalog
	Direct mount type	CM2R	Double acting, Single rod	Except with air cushion	
CG1	Air cylinder	CG1-Z	Double acting, Single rod	Except with air cushion	
	Non-rotating rod type	CG1K-Z	Double acting, Single rod	Except with air cushion	
MB	Air cylinder	MB-Z	Double acting, Single rod	Except ø125	
MB1	Air cylinder	MB1-Z	Double acting, Single rod	Except ø125	
CA2	Air cylinder	CA2-Z	Double acting, Single rod		

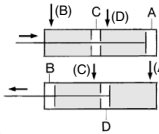
How to Order

Standard model no. **-XC12**
Tandem cylinder



CG1 series

Symbol



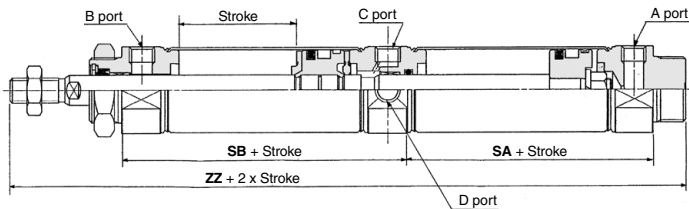
When air pressure is supplied to ports (B) and (D), the output force is doubled in the retract stroke.

When air pressure is supplied to ports (A) and (C), the output force is doubled in the out stroke.

Specifications: Same as standard type

Dimensions (Dimensions other than below are the same as standard type.)

CM2 series



(mm)			
Bore size	SA	SB	ZZ
20	48	62	164
25	48	62	168
32	50	64	172
40	67.5	88.5	222

Made to Order Common Specifications: -XC12: Tandem Cylinder

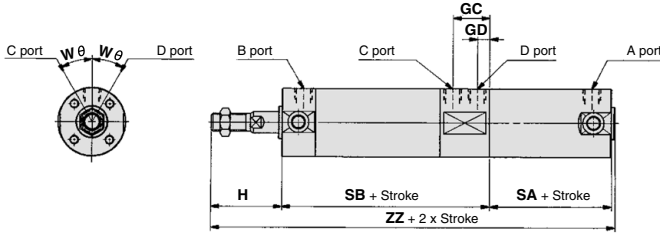


24 Tandem Cylinder

Symbol
-XC12

Dimensions (Dimensions other than below are the same as standard type.)

CG1 series



CG1

Bore size	GC	GD	H	SA	SB	Wθ	ZZ	(mm)	
								Long stroke	Note)
								SA	ZZ
20	21	9	35	48	87	30°	172	56	180
25	21	9	40	48	87	30°	177	56	185
32	23	9	40	50	91	30°	183	58	191
40	25	9	50	56	100	20°	208	65	217
50	29	13	58	63	118	20°	241	75	253
63	28	12	58	64	117	20°	241	76	253

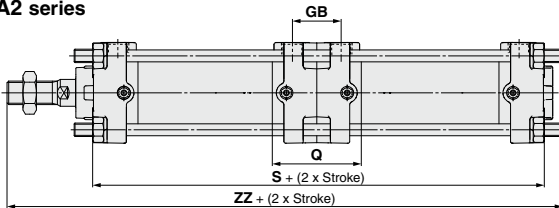
Note) When the stroke is a long stroke (ø20: 201 mm or more, ø25 to ø63: 301 mm or more)

CG1K

Bore size	GC	GD	H	SA	SB	Wθ	ZZ	(mm)	
								Long stroke	Note)
								SA	ZZ
20	21	9	35	48	87	30°	172		
25	21	9	40	48	87	30°	177		
32	23	9	40	50	91	30°	183		
40	24	8	50	57	99	20°	208		
50	28	12	58	64	117	20°	241		
63	28	12	58	64	117	20°	241		

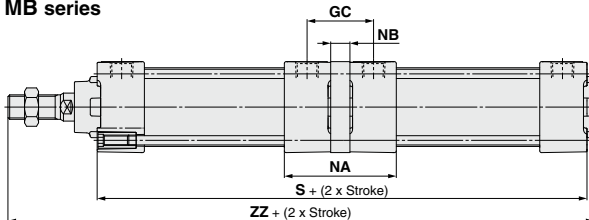
* Please contact SMC for long stroke (301 mm or more) since SA-dimensions and ZZ-dimensions are different from those in the above table.

CA2 series



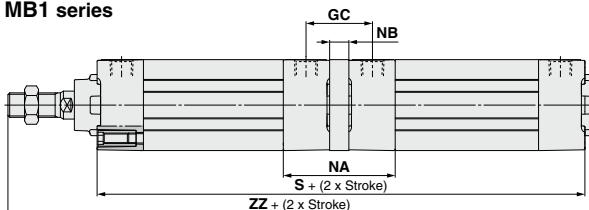
Bore size	GB	Q	S	ZZ	(mm)	
					S	ZZ
40	29	53	169	231		
50	33	59	181	250		
63	33	61	197	269		
80	41	73	233	321		
100	41	79	253	342		

MB series



Bore size	GC	NA	NB	S	ZZ	(mm)	
						S	ZZ
32	36	64	10.6	180	231		
40	38	64	10.6	180	235		
50	41	73	10.6	200	262		
63	43	73	10.6	200	262		
80	52	90	14.6	244	320		
100	52	90	14.6	244	320		

MB1 series



Bore size	GC	NA	NB	S	ZZ	(mm)	
						S	ZZ
32	36	62	10.6	180	231		
40	38	62	10.6	180	235		
50	41	71	10.6	200	262		
63	43	71	10.6	200	262		
80	52	88	14.6	244	320		
100	52	88	14.6	244	320		