Made to Order Common Specifications:
-XC29: Double Knuckle Joint with Spring Pin

Made to Order

Part of the CG1 series (model highlighted in red) is to be discontinued as of the end of February 2025. Please select the CG1-Z1 series instead.

Symbol

36 Double Knuckle Joint with Spring Pin

-XC29

To prevent loosening of the double knuckle joint

Applicable Series

Series	Description	Model	Action	Vol. no. (for std model)
CM2	Air cylinder	CM2-Z	Double acting, Single rod [1]	**Web Catalog**
			Single acting (Spring return/extend) [1]	
		CM2W-Z	Double acting, Double rod	
	Direct mount type	CM2R-Z	Double acting, Single rod [1]	
	Centralized piping type	CM2□□P	Double acting, Single rod	
	End lock cylinder	CBM2	Double acting, Single rod	
	Smooth cylinder	CM2Y-Z	Double acting, Single rod	
CG1	Air cylinder	CG1-Z1	Double acting, Single rod	
		CG1-Z	Double acting, Single rod [1]	
			Single acting (Spring return) [1] [2]	

Series	Description	Model	Action	Vol. no. (for std model)
MB	Air cylinder	MB-Z*	Double acting, Single rod [1]	**Web Catalog**
	Cylinder with end lock	MBB	Double acting, Single rod	
	Smooth cylinder	MBY-Z	Double acting, Single rod	
MB1	Air cylinder	MB1-Z*	Double acting, Single rod [1]	
CA2	Air cylinder	CA2-Z	Double acting, Single rod [1]	
	End lock cylinder	CBA2	Double acting, Single rod	
	Air-hydro cylinder	CA2H	Double acting, Single rod	
	Smooth cylinder	CA2Y-Z	Double acting, Single rod	
CV	Valve mounted air cylinder	CV3	Double acting, Single rod	

* Except ø125

Note 1) Except cylinders with rod end bracket in How to Order
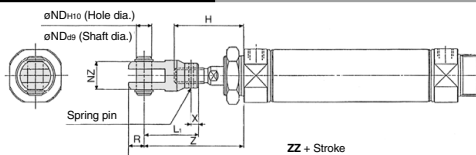Note 2) Compatible with rubber bumper only

How to Order

Standard model no.	− XC29

Double knuckle joint with spring pin ●

Specifications: Same as standard type

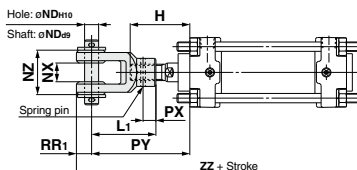## Dimensions (For mounting bracket, pin is shipped together.)

CM2 series

(mm)

Bore size (mm)	H	L₁	ND H10	NZ	R	X	Z	ZZ	Spring pin
20	41	36	$9^{+0.058}_{0}$	18	10	5	61	146	ø3 x 16L
25	45	38	$9^{+0.058}_{0}$	18	10	5	65	150	ø3 x 16L
32	45	38	$9^{+0.058}_{0}$	18	10	5	65	152	ø3 x 16L
40	50	55	$12^{+0.070}_{0}$	38	13	11	83	200	ø4 x 24L

* Other dimensions are the same as standard type.

CA2 series

(mm)

Bore size (mm)	H	L₁	PX	PY	ZZ	RR₁	øND	H10	d₉	NX	NZ	Spring pin
40	51	55	11	84	192	13	12	$^{+0.070}_{0}$	$^{-0.050}_{-0.093}$	$16^{+0.3}_{+0.1}$	38	ø4 x 24L
50	58	60	12	91	207	15	12	$^{+0.070}_{0}$	$^{-0.050}_{-0.093}$	$16^{+0.3}_{+0.1}$	38	ø4 x 25L
63	58	60	12	91	218	15	12	$^{+0.070}_{0}$	$^{-0.050}_{-0.093}$	$16^{+0.3}_{+0.1}$	38	ø4 x 25L
80	71	71	16	105	257	19	18	$^{+0.070}_{0}$	$^{-0.050}_{-0.093}$	$28^{+0.3}_{+0.1}$	55	ø4 x 36L
100	72	83	16	118	282	21	20	$^{+0.084}_{0}$	$^{-0.065}_{-0.117}$	$30^{+0.3}_{+0.1}$	61	ø4 x 40L

* Dimensions except mentioned above are the same as standard type.

SMC