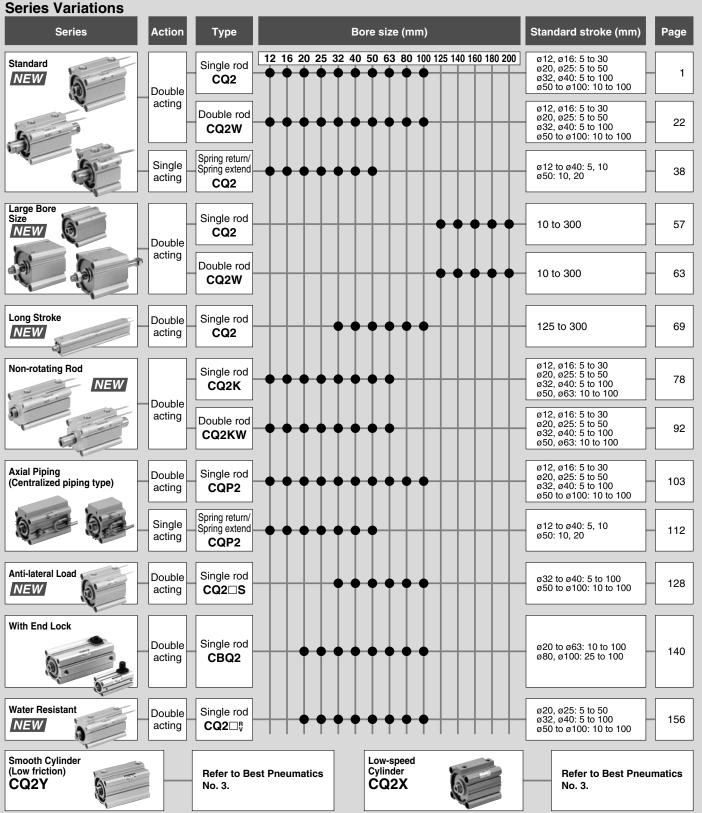
Compact Cylinder Series CQ2

Ø12, Ø16, Ø20, Ø25, Ø32, Ø40, Ø50, Ø63, Ø80, Ø100, Ø125, Ø140, Ø160, Ø180, Ø200

With a short overall length, the space-saving cylinder helps to make various jigs and equipment more compact.



CQ2

CQ2

CBQ2 Note 12)

CQ2□S

: Standard

: Made to Order

Series CQ2

 : Made to Order : Special product (For details, please contact SMC.) : Not available Made to Order: For details, refer to pages 177 to 207.		Series	(Standard)					(Large Bore Size)			(Long Stroke)	(Non-rotating Rod)			Axial Piping)		CQ2⊔S (Anti-lateral Load)	(With End Lock)
		Action/ Type	Double acting		Single acting		Double	Double acting		Double acting	Double acting Double acting			Single acting		Double acting	Double acting	
			Single rod Do	ouble rod	Single rod/ Spring return	Single rod/ Spring extend	Single rod	Double rod			Single rod	Single rod	Double rod	Single rod	Single rod/ Spring return	Single rod/ Spring extend	Single rod	Single rod
Symbol	Specifications	Applicable bore size	ø12 to ø1	100	ø12 to	ø50	ø125 t	o ø200			ø32 to ø100	ø12 t	o ø63	ø12 to ø100	ø12 t	o ø50	ø32 to ø100	ø20 to ø100
Standard	Standard product										•	•		•	•	•	•	•
D	Built-in magnet	-									•						•	•
CQ2□A	Both ends tapped	_									•	Note 4)	Note 4)		0	0	•	•
CQ2□-□M	Rod end male thread	ø12 to ø100									•						•	•
CQ2□-□C	With rubber bumper	-				<u> </u>	Note 2)	Note 2)			Note 2)	Note 1)	Note 1)		0		Note 2)	Note 2)
CQ2□-□F	With boss on head end	-		_			$\overline{}$				$\overline{\bigcirc}$		_	Note 3)	Note 3)	Note 3)	•	$\overline{}$
CQ2□F	With one-touch fittings	ø32 to ø63					Ö				•				0	0	•	0
CQ2 ^{LF} _G	Foot/Flange						Ö	Ö			•	Note 4)	Note 4)	+	Ö	Ö	•	•
CQ2D	Double clevis	ø12 to ø100		_			Ö	_			•	Note 4)		<u> </u>	Ö	Ö	•	•
CQ2□H	Air-hydro type	ø20 to ø100					Ö				0	<u> </u>	_				$\overline{}$	
10-, 11-	Clean series			$\overline{}$	0	0	<u> </u>	Ö					0		0	0	$\overline{\bigcirc}$	0
20-	Copper and fluorine-free series	ø12 to ø200									•	Note 5)	Note 5)		•		•	<u>_</u>
CQ2□ ^R	Water resistant	ø20 to ø100		Note 6)			$\overline{}$				$\overline{\bigcirc}$			Note 7)	0		$\overline{}$	<u>_</u>
XB6	Heat resistant cylinder (–10 to 150°C)	ø12 to ø100	0	0	Ö	Ŏ	<u> </u>	Ŏ			<u> </u>		0	0	Ö	Ö	0	Ö
XB7	Cold resistant cylinder (–40 to 70°C)	ø12 to ø40	0	0	Ö	Ö	<u> </u>	Ö			<u> </u>		Ö	0	Ö	Ö	0	_
XB9	Low-speed cylinder (10 to 50 mm/s)	ø12 to ø100	0	0	Ö	Ŏ	Ö	Ö			<u>_</u>		Ö	0	Ö	Ö	0	0
XB10	Intermediate stroke (Exclusive body type)	ø12 to ø200	0	0	0	Ŏ	<u> </u>	0				Note 4)	Note 4)	_	Ö	Ö		
XB10A	Intermediate stroke (Spacer-installed type)	ø32 to ø100	0	Ö	Ö	Ŏ	Ö	Ö			<u> </u>	<u> </u>	Ö	Ŏ	Ö	Ö	Ö	<u>_</u>
XB11	Long stroke (Air-hydro type only)	ø20 to ø100	0		_			_				<u> </u>		<u> </u>				
XB13	Low-speed cylinder (5 to 50 mm/s)	ø12 to ø100	0	0			0				0		0	0	0	0	0	
XB14 Note 12)	Cylinder with heat resistant auto switch	ø16 to ø63	0	0	0	Ŏ	Ŏ	Ŏ			<u> </u>	0	Ŏ	Ŏ	Ö	Ö		0
XC4	With heavy-duty scraper	ø20 to ø100	0	Note 6)	Ŏ	Ŏ	Ö	Ö				<u> </u>	_	Note 7)	Ö	Ö	<u> </u>	<u>_</u>
XC6	Piston rod/Retaining ring/Rod end nut material: Stainless steel		0	0	0	0	Ö	Ŏ					0	0	0	0		<u>_</u>
XC8	Adjustable stroke cylinder/Adjustable extension type	-	0	_	Ŏ	Ŏ	Ö				<u>_</u>	0		Ō	Ö	Ö	0	Note 8)
XC9	Adjustable stroke cylinder/Adjustable retraction type	_	0		Ö	Ŏ	Ö	_			0	0	_	Ŏ	Ö	Ö	<u> </u>	Note 9)
XC10	Dual stroke cylinder/Double rod	-	0	_	Ö	$\overline{}$	<u> </u>	_			0	0	_		_	_		Ö
XC11	Dual stroke cylinder/Single rod	ø12 to ø100	0		Ö	0	<u> </u>	_			Ö	0	_	0	0	0	0	Ö
	With split pins for double clevis pin/	-						_						_				
XC26	double knuckle joint pin and flat washers	_	0	_	0	0	0	0			©	Note 4)		0	0	0	© 	©
XC27	Double clevis pin/Double knuckle joint pin material: Stainless steel 304		0	0	0	0	\circ						0		0			\circ
XC35	With coil scraper	ø32 to ø100	0	0	0		0				0	_	_	0	0	0	0	0
XC36	With boss on rod end	ø12 to ø100	0	0	0	Ö	<u> </u>	Ŏ			Note 10)	Note 10)	Note 10		0	0	<u> </u>	Ö
X144	Special port location	ø12 to ø25	0	0	0	0		_				Ŏ	Ö	_		_		
X202	Full length dimension is the same as Series CQ1.	ø12 to ø100	+ +		0	0		_			_		_			_	_	_
X203	L dimension from rod cover is the same as Series CQ1.	ø12 to ø32	0		0	0	_	_			_	_		_	_	_	_	_
X235	Special rod end for double rod cylinder	ø12 to ø200	_	0	_			0				_	0	_		_		
X271	Fluororubber seals	ø12 to ø200	_	0	0	0	Note 11						0	0	0	0		
X293	Full length dimension is the same as Series CQ1W.		_	0	_			_			<u> </u>			<u> </u>	_	_	<u> </u>	
X525	Long stroke of adjustable extension stroke cylinder (-XC8)	ø12 to ø100		_	0	0	0	_			\circ	0	_	0	0	0	\circ	Note 8)
X526	Long stroke of adjustable retraction stroke cylinder (-XC9)	512 10 0 100	0	_	0	0	\circ	_			0	0	_	0	0	0	0	Note 9)
X633	Intermediate stroke of double rod cylinder	ø12 to ø200	_		_			0				_	0		_	_		
X636	Long stroke of dual stroke single rod cylinder				0	_		_					_		0	_		
X1876	Cylinder tube: With concave boss on head end				0	<u> </u>									_	_		<u></u>
A10/0	Cymruer tube. With concave boss on head end	ש∠ט נט ש 100			\cup	\cup		_				$\bot \bigcirc$			<u> </u>		$\overline{\hspace{1cm}}$	$\overline{}$

Note 1) ø12 with auto switch: With rubber bumper (Standard) Note 2) With rubber bumper (Standard)

Note 3) Ø12 to Ø16: (O), for Ø20 to Ø100 only (up to Ø50 for single acting type)

Note 4) ø12 to ø32: (○), for ø40 to ø63 only Note 6) ø20 to ø32: (O), for ø40 to ø100 only

Note 7) ø20 to ø25: (○), for ø32 to ø100 only Note 8) Rod end lock: (-), for head end lock only

CQ2

CQ2K

Note 10) With boss on rod end (Standard) Note 11) ø180 to ø200: (○), for ø125 to ø160 only Note 12) The body shape is the same as the existing product.

Note 9) Head end lock: (-), for rod end lock only