

ISO Cylinder/Standard: Double Acting, Low Friction

Series C95Q

ø32, ø40, ø50, ø63, ø80, ø100

How to Order

Standard C95QD B 32 100 R CA A53 S

Built-in magnet •

Mounting •

Mounting	Description
B	Basic/without bracket
L	Axial foot
F	Front flange
G	Rear flange
C	Single rear clevis
D	Double rear clevis
T	Centre trunnion

Bore size •

Bore size	Description
32	32mm
40	40mm
50	50mm
63	63mm
80	80mm
100	100mm

Auto switch •

Auto switch	Description
—	Without auto switch

* Refer to table below for selection of applicable auto switch.

Direction of low friction •

Direction of low friction	Description
CA	With pressure at head side
CB	With pressure at rod side

Number of auto switches

Number of auto switches	Description
—	2
S	1
3	3
n	n

Rod specifications

Rod specifications	Description
—	Hard chrome as standard
R	Stainless steel piston rod
K	Stainless steel and acid-proof piston rod

Stroke (mm)
Refer to standard stroke table on p.1.11-16 maximum 1000mm

Applicable Auto Switches/Tie rod mounting

Style	Special function	Electrical entry	Indicator	Load voltage			Auto switch model	Lead wire (m)*			Applicable load		Mounting bracket		
				Wiring (Output)	DC	AC		0.5 (—)	3 (L)	5 (Z)					
Reed switch	—	Grommet	Yes	3 wire (Equiv. to NPN)	—	5V	—	A56	●	●	—	IC	—	ø32,ø40 BT-03	
					2 wire	24V	12V	—	A53	●	●	●			—
			5V,12V	100V,200V		A54	●	●	●	—					
	Diagnosis indication (2 colour)	Yes	—	200V or less	A64	●	●	—	IC	—					
Solid state switch	—	Grommet	Yes	3 wire (NPN)	24V	5V,12V	—	F59	●	●	○	IC	—	ø50,ø63 BT-05	
				3 wire (PNP)	—	—	100V,200V	F5P	●	●	○	—			
				2 wire	—	12V	J51	●	●	○	—				
	Diagnosis indication (2 colour)	3 wire (NPN)		24V	5V,12V	—	J59	●	●	○	IC	Relay PLC			
		3 wire (PNP)					F59W	●	●	○					
		2 wire					12V	J59W	●	●			○		
	Water resistant (2 colour)	Grommet		3 wire (NPN)	24V	5V,12V	—	F5PW	●	●	○	IC	ø80,ø100 BT-06		
	With timer			2 wire				12V	F5BA	—	●			○	—
	Diagnosis output (2 colour)			3 wire (PNP)				5V,12V	F5NT	—	●			○	IC
	Latch diagnosis output (2 colour)	4 wire (NPN)		—	F59F	●	●	○	—						

Type	Special function	Electrical entry	Indicator light	Wiring (output)	Load voltage		Auto switch model		Lead wire length (m) ^{Note}			Applicable load		Mounting bracket
					DC	AC	Electrical entry direction		0.5 (Nil)	3 (L)	5 (Z)			
Reed switch	—	Grommet	Yes	3 wire	—	5V	—	—	—	●	●	—	IC circuit	ø32,ø40 BMB4-032
				2 wire	24V	—	—	Z76	●	●	●	—	Relay PLC	
				5V, 12V	100V or less	—	—	Z73	●	●	—	—	IC circuit	
Solid state switch	—	Grommet	Yes	3 wire (NPN)	5V, 12V	—	Y69A	Y59A	●	●	○	—	IC circuit	ø50,ø63 BMB4-050
				3 wire (PNP)	12V	—	Y7PV	Y7P	●	●	○	—	—	
				2 wire	—	—	Y69B	Y59B	●	●	○	—	—	
				3 wire (NPN)	5V, 12V	—	Y7NWV	Y7NW	●	●	○	—	IC circuit	
				3 wire (PNP)	—	—	Y7PWV	Y7PW	●	●	○	—	—	
				2 wire	12V	—	Y7BWV	Y7BW	●	●	○	—	—	
				—	—	—	—	Y7BA	—	●	—	—	—	
				—	—	—	—	—	—	—	—	—	—	

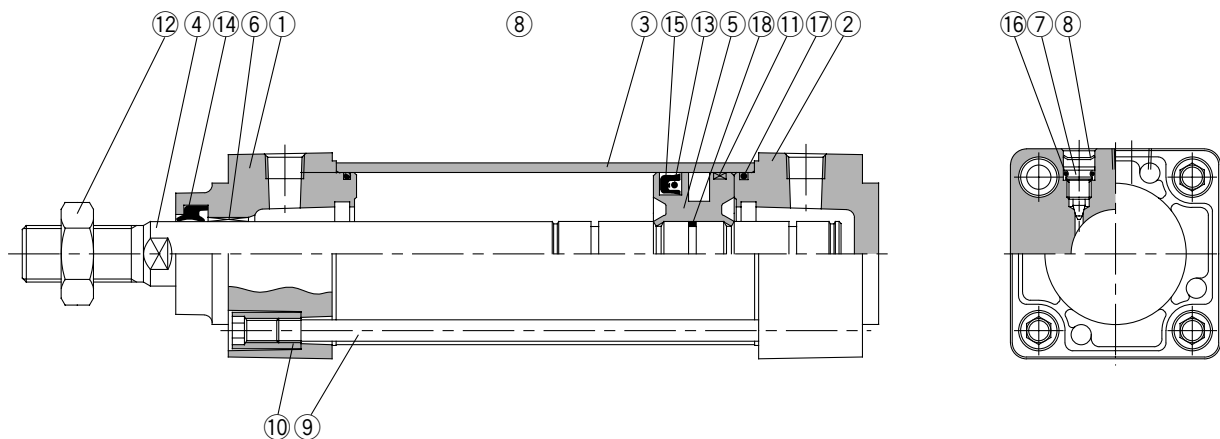
* Lead wire length 0.5m..... — (Example: A53)
3m..... L (Example: A53L)
5m..... Z (Example: A53Z)

○: Manufactured upon receipt of order.

CJ1
CJP
CJ2
CM2
C85
C76
CG1
MB
MB1
CP95
C95
C92
CA1
CS1

Series C95Q

Construction



Component Parts

No.	Description	Material	Note
①	Rod cover	Aluminum die-cast	Metallic painted
②	Head cover	Aluminum die-cast	Metallic painted
③	Cylinder tube	Aluminum alloy	Hard anodized
④	Piston rod	Carbon steel	Hard chrome plated
⑤	Piston	Aluminum alloy	Chromated
⑥	Bushing	Lead bronze cast	
⑦	Cushion valve	Steel wire	Nickel plated
⑧	Snap ring	Steel for spring	ø40 to ø100
⑨	Tie rod	Carbon steel	Uni-chromated
⑩	Tie rod nut	Carbon steel	Nickel plated
⑪	Wear rod	Resin	
⑫	Rod end nut	Carbon steel	Nickel plated
⑬ *	Back up O ring	NBR	
⑭ *	Rod seal	NBR	
⑮ *	Piston seal	NBR	
⑯	Cushion valve seal	NBR	
⑰ *	Cylinder tube gasket	NBR	
⑱	Piston gasket	NBR	

Replacement Parts: Seal Kits

Bore (mm)	Kit No.	Contents
32	CQ95-32	Set of the No. ⑬, ⑭, ⑮, and ⑰.
40	CQ95-40	
50	CQ95-50	
63	CQ95-63	
80	CQ95-80	
100	CQ95-100	

* The seal kit includes 1 rod seal, 1 piston seal, and 2 tube gaskets.