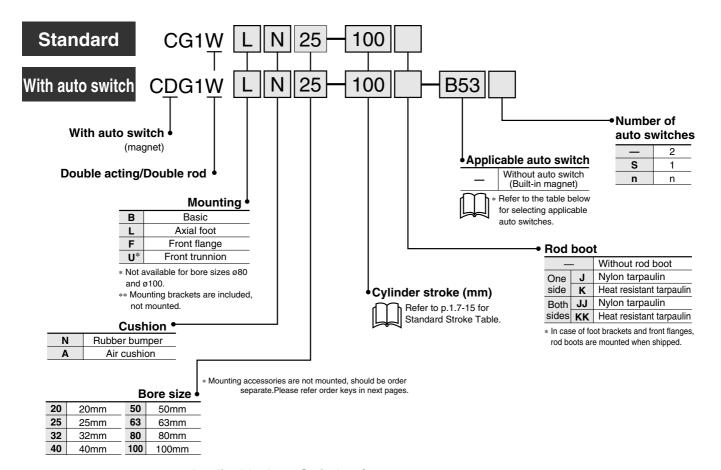
Standard: Double Acting Double Rod

Series CG1W

ø20, ø25, ø32, ø40, ø50, ø63, ø80, ø100

How to Order



Applicable Auto Switches/Refer to p.5.3-2 for further information on auto switch.

	0		tor	NA Estados as		Load vol	tage	Auto swit	ch model	Lead wire (m)*						
Style	Special I	Electrical entry	Indicator	Wiring (output)	DC		AC	Applicable bore size		0.5	3		None			
	lunction	ony	<u> </u>	(DC	AC	ø20 to ø63	ø20 to ø100	(-)	(L)		(N)	ioau		
Reed switch	_	Grommet		3 wire (NPN)	_	5V		C76	_	•	•	_		IC		
			Yes						B53	•	•	•	_	_	PLC	
							200V or less	_	B54	•	•	•				
				1					B64	•	• -	_	_	_		
જે જ			Yes	2 wire	24V		100V	C73		•	•	•	_			
8			No	2 WII 241			100V or less	C80	_	•	•	_	_	IC	IC Relay PLC	
Œ		Connector	Yes			12V	_	C73C	_	•	•	•	•	_		
		Connector	No			5V, 12V	24V or less	C80C	_	•	•	•	•	IC		
	Diagnostic indication (2 colour)	Grommet	Yes			_	_	1	B59W	•	•	_	_	_		
			3 wire (NP	3 wire (NPN)		5V, 12V		H7A1	G59	•	•	0	_	ıc		
		Grommet		3 wire (PNP)		3V, 12V		H7A2	G5P	•	•	0	_	10	IC	
				2 wire		12V		H7B	K59	•	•	0	_			
뎙		Connector		2 WIIG		12.4	12.4		H7C	_	•	•	•	•		
S			3 wire (NPN)	4	5V, 12V	H7NW	H7NW	G59W	•	•	0	_	IC			
ate	Diagnostic indication (2 colour)		Yes	3 wire (PNP)	24V	3V, 12V	_	H7PW	G5PW	•	•	0	_	10	PLC Relay PLC C C C C C Relay PLC	
캻	(2 colour)			2 wire		12V		H7BW	K59W	•	•	0	_	[FLC	
Solid state switch	Water resistant (2 colour)	Grommet		2 WITE		120	124		H7BA	G5BA	_	•	0	_		
	With timer			3 wire (NPN)		5V, 12V	,	_	G5NT	_	•	0	_	ıc	ĺ	
	Diagnostic output (2 colour)			4 wire			50, 120	H7NF	G59F	•	•	0	_	10		
	Latch with diagnostic output (2 colour)			(NPN)		_		H7LF	_	•	•	0	_	_		
*Lead	wire length 0.5m	0,	C73C		_	e.g	J.) C73CZ									
	3mL	(C73C	L None	N		C73CN	1								

^{*}Solid state switches marked with "O" are manufactured upon receipt of order.



Standard: Double Acting Double Rod Series CG1W



Specifications

Bore size (mm)	20	25	32	40	50	63	80	100	
Action	Double acting/Double rod								
Lubrication	Non-lube								
Fluid	Air								
Proof pressure	1.5MPa								
Max. operating pressure	1.0MPa								
Min. operating pressure	0.05MPa								
Ambient and fluid temperature	Without auto switch: -10°C to +70°C (No freezing)								
Ambient and fluid temperature	With auto switch: -10°C to +60°C (No freezing)								
Piston speed	50 to 1000mm/s					50 to 700mm/s			
Otrodos tolores e	Up to 1000 ^{+1.4} mm,				Up to 1000 +1.4 mm				
Stroke tolerance	Up to 1200 ^{+1.8} mm						Up to 150	00 ^{+1.8} mm	
Thread tolerance	JIS class 2								
Cushion	Rubber bumper/Air cushion								
Mounting*	Basic, Axial foot, Front flange, Front trunnion								



Front trunnion style is not available for bore sizes ø80 and ø100. ** No freezing

Accessories

	Mounting	Basic	Axial foot	Front flange	Front trunnion
Standard Rod end nut		•	•	•	•
	Single knuckle joint	•	•	•	•
Option	Double knuckle joint** (With pins)	•	•	•	•
	Pivot bracket*	_	_	_	•*
	Rod boot	•	•	•	•

^{*} Pivot bracket is not available for bore size ø80 and ø100.

Stroke

Bore size(mm)	Standard stroke (mm) (1)	Long stroke (mm)	Max. stroke	
20	25, 50, 75, 100, 125, 150, 200	201 to 350		
25		301 to 400		
32		301 to 450		
40	25, 50, 75, 100, 125, 150, 200	301 to 800	1500	
50/63	250, 300	301 to 1200		
80		301 to 1400		
100		301 to 1500		

Note 1) Other intermediate strokes can be manufactured upon receipt of order. Spacers are not used for the

Made to Order

JIS symbol

Refer to p.5.4-1 for made to order products of series CG1.

Mounting Bracket

Refer to p.1.7-19 for part numbers of the mounting brackets.

Auto Switch Mounting Band

Refer to p.1.7-19 for part numbers of the mounting bands.

With Auto Switch

The auto switch can be mounted. Refer to p.1.7-12 to 1.7-14 for the details.

Rod Boot Materials

	Symbol	Material	Max. operating temp			
	J	Nylon tarpaulin	70°C			
K Heat		Heat resistant tarpaulin	110°C*			

^{*} Maximum ambient temperature for the rod boot only.



CJ₁

CJP CJ₂

CM₂

C85

C76

CG₁

MB

MB₁

CP95

C95 C92

CA₁

CS1

^{**} Pins and snap rings for double knuckle joint are included, not mounted.

Note 1) Other intermediate strokes can be manufactured upon receipt of order. Spacers are not used for the intermediate strokes. Refer to p.1.7-17 to 1.7-19 for dimensions.
 Note 2) Long stroke applies to the axial foot style and the front flange style. If other mounting brackets are used, or the length exceeds the long stroke limit, the stroke should be determined based on the stroke selection table in the technical data.