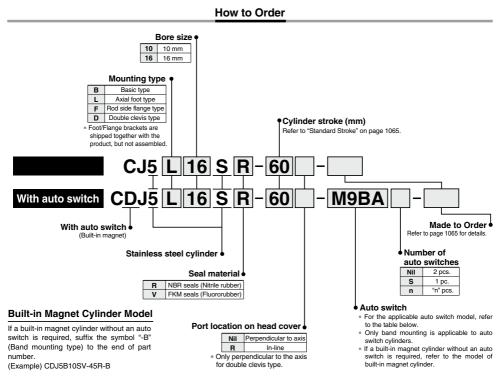
Stainless Steel Cylinder **CJ5-S** Series Ø10, Ø16



Applicable Auto Switches/Refer to pages 1575 to 1701 for further information on auto switches.

			In all a stars		Load	d voltage	Auto swite	ch model	Lead	l wire l	ength	(m)*				
Туре	Special function	Electrical entry	Indicator light	Wiring (Output)		DC	Band mountir	ig(ø10, ø16)	0.5	1	3	5	Pre-wired connector	Applie		
		onay	Ű	(20	Perpendicular	In-line	(Nil)	(M)	(L)	(Z)	Connector	loud		
Solid				3-wire(NPN)		5 V. 12 V	M9NAV	M9NA	0	0	٠	0	0	IC circuit	Deless	
state auto	Water resistant (2-color indicator)	Grommet	Yes	3-wire(PNP)	24 V 5 V, 12		M9PAV	M9PA	0	0	•	0	0		Relay, PLC	
switch	(2 00.0. Indicator)			2-wire		12 V	M9BAV	M9BA	0	0	٠	0	0	Ι	. 20	

* Lead wire length symbols: Nil······0.5 m (Example) D-M9NA M······0.1 m (Example) D-M9NAM

* Solid state auto switches marked with "O" are produced upon receipt of order.

- Z ······5 m (Example) D-M9NAZ

For details about auto switches with pre-wired connector, refer to pages 1648 and 1649.

Mounting Bracket Part No.

Mounting bracket	Bore siz	e (mm)	Description
Mounting bracket	10	16	Description
Foot	CJ-L016 Stainless steel	CJK-L016 Stainless steel	Foot x 1
Flange	CJ-F016 Stainless steel	CJK-F016 Stainless steel	Flange x 1
T-bracket *	CJ-T010 Stainless steel	CJ-T016 Stainless steel	T-bracket x 1
		(=)	

* T-bracket is applicable to the double clevis type (D).

Grease pack for stainless steel cylinders/Part no.: GR-R-010 (10 g)

A 1064

Specifications

Bore size (mm)	10	16
Action	Double actin	g, Single rod
Fluid	A	ir
Proof pressure	1 M	Pa
Maximum operating pressure	0.7	MPa
Minimum operating pressure	0.11	MPa
Ambient and fluid temperature	Without auto switch: -10 to 70°	C With auto switch: -10 to 60°C
Cushion	Rubber	bumper
Lubrication	Not required	l (Non-lube)
Stroke length tolerance	+1	.0
Piston speed	50 to 75	i0 mm/s
Allowable kinetic energy	0.035 J	0.090 J
Mounting type	Basic type, Axial foot type, Rod si	de flange type, Double clevis type

Standard Stroke

(mm)

Bore size (mm)	Standard stroke	Maximum manufacturable stroke
10	15, 30, 45, 60, 75, 100, 125, 150	400
16	15, 30, 45, 60, 75, 100, 125, 150, 175, 200	400

* Manufacture of intermediate strokes at 1 mm intervals is possible. (Spacers are not used.)

* For the one with auto switch, refer to the minimum stroke for auto switch mounting. (P. 1077)

Mounting Type and Accessory

			●…Supplie	d with the produ	ct. O···Please c	order separately.
	Mounting		Basic type	Axial foot type	Rod side flange type	Double clevis type *
ar d	Mounting nut		•	•	•	—
Standard	Rod end nut		•	•	•	•
Sta	Clevis pin		_	—	—	•
	Single knuckle joint		0	0	0	0
c	Double knuckle join	t (With pin) *	0	0	0	0
Option	T-bracket		_	—	—	0
0	Rod end cap	Flat type	0	0	0	0
	nou enu cap	Round type	0	0	0	0

* Pin and retaining ring are shipped together with double clevis and double knuckle joint.

(g)

Weight

	Bore size (mm)	10	16
Basic	weight *	52	96
Additio	nal weight per each 15 mm of stroke	4	6.5
ng eight	Axial foot type	22	22
Mounting acket weigh	Rod side flange type	16	16
M brad	Double clevis type (With pin) **	6	16

* Mounting nut and rod end nut are included in the basic weight.

** Mounting nut is not included in double clevis type.

Calculation: (Example) CJ5L10SR-45

- Cylinder stroke 45 stroke
- Mounting bracket weight------ 22 g (Axial foot type) 52 + 4/15 x 45 + 22 = 86 g



1065 @ Best Pneumatics 2-1 Ver.6



Symbol

Double acting, Single rod, Rubber bumper

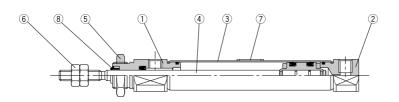


Made to Order (For details, refer to pages 1703 to 1896		
Symbol	Specifications	
-XA🗆	Change of rod end shape	

SMC

CJ5-S Series

Construction (Not able to disassemble.)



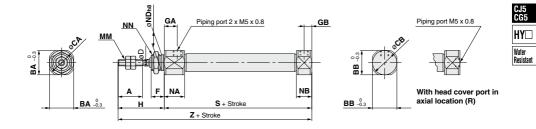
Component Parts

	· · · · · · · · · · · · · · · · · · ·		
No.	Description	Materia	al
1	Rod cover	Stainless ste	eel 304
2	Head cover	Stainless ste	el 304
3	Cylinder tube	Stainless ste	el 304
4	Piston rod	Stainless ste	eel 304
5	Mounting nut	Stainless ste	el 304
6	Rod end nut	Stainless ste	el 304
7	Label protector	PET	
8	Water resistant commen	CJ5□□SR	NBR
8	Water resistant scraper	CJ5□□SV	FKM

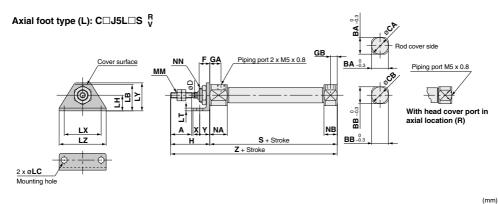
Note) Component part material and surface treatment other than listed above are the same as the standard type of the CJ2 series.

Dimensions

Basic type (B): C□J5B□S V



																	(mm)
Bore size (mm)	A	ВА	вв	CA	СВ	D	F	GA	GB	н	мм	NN	NA	NB	NDh8	s	z
10	15	15	12	17	14	4	8	8	5	28	M4 x 0.7	M10 x 1.0	12.5	9.5	10 _0.022	46	74
16	15	18.3	18.3	20	20	5	8	8	5	28	M5 x 0.8	M12 x 1.0	12.5	9.5	12 _0_027	47	75



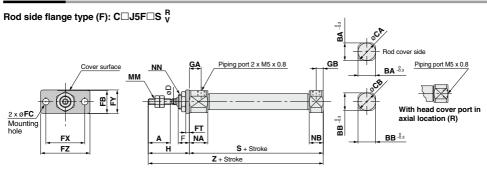
Bore size (mm)	A	ва	вв	CA	СВ	D	F	GA	GB	н	LB	LC	LH	LT	LX	LY	LZ	мм	NN	NA	NB	s	x	Y	z
10	15	15	12	17	14	4	8	8	5	28	21.5	5.5	14	2.5	33	25	42	M4 x 0.7	M10 x 1.0	12.5	9.5	46	6	9	74
16	15	18.3	18.3	20	20	5	8	8	5	28	23	5.5	14	2.5	33	25	42	M5 x 0.8	M12 x 1.0	12.5	9.5	47	6	9	75





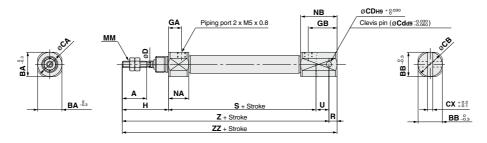
CJ5-S Series

Dimensions



Bore size (mm)	A	ва	вв	СА	СВ	D	F	FB	FC	FT	FX	FY	FZ	GA	GB	н	мм	NN	NA	NB	s	z
10	15	15	12	17	14	4	8	17.5	5.5	2.5	33	20	42	8	5	28	M4 x 0.7	M10 x 1.0	12.5	9.5	46	74
16	15	18.3	18.3	20	20	5	8	19	5.5	2.5	33	20	42	8	5	28	M5 x 0.8	M12 x 1.0	12.5	9.5	47	75

Double clevis type (D): C□J5D□S ^R_V



SMC

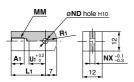
																			(mm)
Bore size (mm)	A	ва	вв	СА	св	CD (Cd)	сх	D	GA	GB	н	мм	NA	NB	R	s	U	z	zz
10	15	15	12	17	14	3.3	3.2	4	8	18	28	M4 x 0.7	12.5	22.5	5	46	8	82	87
16	15	18.3	18.3	20	20	5	6.5	5	8	23	28	M5 x 0.8	12.5	27.5	8	47	10	85	93

* Clevis pin and retaining ring are shipped together.

(mm)

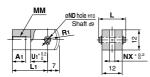
CJ5-S Series **Accessory Dimensions**

Single Knuckle Joint



	Material: Stainless steel 304									
Part no.	Applicable bore size (mm)	A 1	L1	ММ	NDH10	NX	R1	U1		
I-J010SUS	10	8	21	M4 x 0.7	3.3 ^{+0.048}	3.1	8	9		
I-J016SUS	16	8	25	M5 x 0.8	5 ^{+0.048}	6.4	12	14		

Double Knuckle Joint

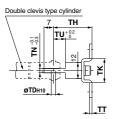


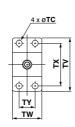
* Knuckle pin and retaining ring are packaged together

Material: Stainless steel 304									
Part no.	Applicable bore size (mm) A1		L	L1	мм	NDd9			
Y-J010SUS	10	8	15.2	21	M4 x 0.7	3.3 -0.030			
Y-J016SUS	16	11	16.6	21	M5 x 0.8	5 -0.030 -0.060			
Part no.	NDH10		NX	R1	U1				
Y-J010SUS	3.3 +0.	.048	3.2	8	10				

Y-J010SUS				
Y-J016SUS	5 ^{+ 0.048}	6.5	12	10

T-bracket

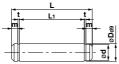




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							M	lateria	al: Sta	inles	s stee	el 304
Part no.	Applicable bore size (mm)	тс	TDH10	тн	тк	τN	тт	τυ	тν	тw	тх	тү
CJ-T010SUS	10	4.5	3.3 + 0.048	29	18	3.1	2	9	40	22	32	12
CJ-T016SUS	16	5.5	5 ^{+0.048}	35	20	6.4	2.5	14	48	28	38	16

Clevis Pin



Material: Pin and retaining ring both stainless steel 304

Part no.	Applicable bore size (mm)		d	L	L1	m		Applicable retaining ring
CD-J010	10	3.3 -0.030	3	15.2	12.2	1.2	0.3	Type C 3.2
CD-Z015SUS	16	5 -0.030	4.8	22.7	18.3	1.5	0.7	Type C 5

н

Material: Stainless steel 304

h

M10 x 1.0

н

4

4

С

* Retaining rings are included.

c

Applicable

bore size в

10

16 17 19.6 M12 x 1.0

14 16.2

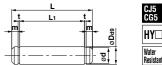
Part no.

SNJ-016SUS

SNKJ-016SUS

Mounting Nut

Knuckle Pin



Material: Pin and retaining ring both stainless steel 304

Part no.	Applicable bore size (mm)	Dd9	d	L	L1 m		t	Applicable retaining ring
CD-J010	10	3.3 -0.030	3	15.2	12.2	1.2	0.3	Type C 3.2
	16	5 -0.030	10	10.0	10.0	15	0.7	Turne C E

_0.060 4.8 16.6 12.2 1.5 0.7 Type C 5 -J015505 1. * Clevis pin is used instead for ø10.

* Retaining rings are included.

Rod End Nut



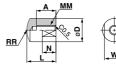
Material: Stainless steel 304

Part no.	Applicable bore size (mm)	в	С	d	н	
NTJ-010SUS	10	7	8.1	M4 x 0.7	3.2	
NTJ-015SUS	16	8	9.2	M5 x 0.8	4	

Rod End Cap

Flat type/CJ-CF ММ e N 0

Round type/CJ-CR



		Material: Polyacetal								
Part no.		Applicable bore size	A	n			Ĺ		w	D -□
Flat type	Round type	(mm)	~	U	1			l.		
CJ-CF010	CJ-CR010	10	8	10	13	M4 x 0.7	6	10	8	-X□
CJ-CF016	CJ-CR016	16	10	12	15	M5 x 0.8	7	12	10	Technical
										Technical Data

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