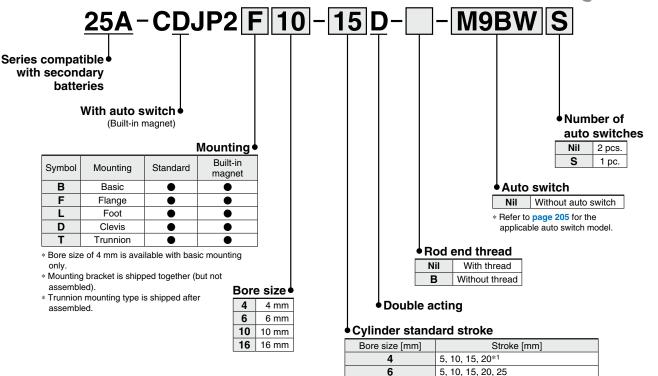
25A-CJP2 Series

Ø4, Ø6, Ø10, Ø16







10, 16 5, 10, 15, 20, 25, 30, 35, 40 *1 20 stroke of bore size 4 mm is standard type only.

Built-in Magnet Cylinder Model

If a built-in magnet cylinder without an auto switch is required, there is no need to enter the symbol for the auto switch. (Example) 25A-CDJP2F10-15D

> * The 25A- series specifications and dimensions are the same as those of the standard model.

> > Click here for details.

Mounting Bracket Part Nos. for the 25A- Series

Bore size [mm]	Flange	Foot	Trunnion
6	25A-CP-F006A	25A-CP-L006A	25A-CP-T006A
10	25A-CP-F010A	25A-CP-L010A	25A-CP-T010A
16	25A-CP-F016A	25A-CP-L016A	25A-CP-T016A

Accessory Bracket Part Nos. for the 25A- Series

Bore size [mm]	Single knuckle joint	Double knuckle joint	Knuckle joint pin	Trunnion pin	Mounting nut	Rod end nut
4	_	_	_	_	25A-SNPS-004	25A-NTJ-004
6	25A-I-P006A	25A-Y-P006A	25A-IY-P006	25A-CT-P006	25A-SNP-006	25A-NTP-006
10	25A-I-P010A	25A-Y-P010A	25A-IY-P010	25A-CT-P010	25A-SNP-010	25A-NTP-010
16	25A-I-P016A	25A-Y-P016A	25A-IY-P016	25A-CT-P016	25A-SNP-016	25A-NTP-016

SMC

Directional Control Valves

Air Cylinders

Related Products

Rotary Actuators

Vacuum Equipment Air Grippers

Air Preparation Equipment

> Clean ir Filters

Modular F.R.L./Pressure Control Equipment

> Fittings/Flow Control Equipment

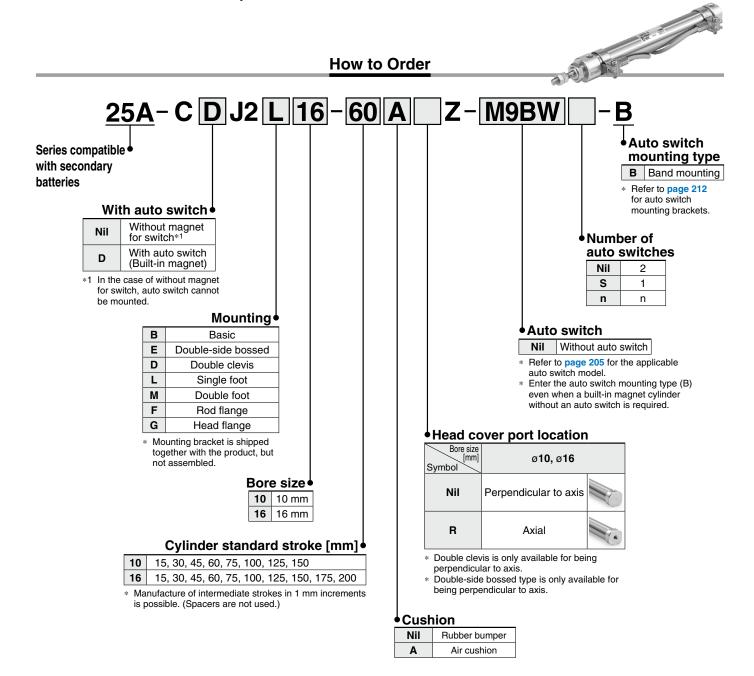
Detection Switches

Fluid Control Equipment

Electric Actuators

Air Cylinder: Standard Type Double Acting, Single Rod 25A-CJ2 Series

ø10, ø16



Mounting Bracket Part Nos. for the 25A- Series

Mounting	Bore size [mm]	
bracket	10	16
Foot bracket	25A-CJ-L010B	CJ-L016SUS
Flange bracket	25A-CJ-F010B	CJ-F016SUS

* The 25A- series specifications and dimensions are the same as those of the standard model.

Click here for details.

Air Cylinder: Non-rotating Rod Type Double Acting, Single Rod 25A-CJ2K Series

ø10, ø16

How to Order



25A-CDJ2KL 16-60 Series compatible with secondary

batteries

With auto switch

Nil	Without magnet for switch*1
D	With auto switch (Built-in magnet)

*1 In the case of without magnet for switch, auto switch cannot be mounted.

В

Mounting Basic

	Daoio
E	Double-side bossed
D	Double clevis
L	Single foot
M	Double foot
F	Rod flange
G	Head flange

* Mounting bracket is shipped together with the product, but not assembled.

Bore size •

ı	10	10 mm
	16	16 mm

Cylinder standard stroke [mm]

10	15, 30, 45, 60, 75, 100, 125, 150
16	15, 30, 45, 60, 75, 100, 125, 150, 175, 200

Manufacture of intermediate strokes in 1 mm increments is possible. (Spacers are not used.)

Z-M9BW Auto switch

B Band mounting

mounting type

Refer to page 212 for auto switch mounting brackets.

Number of auto switches

Nil	2
S	1
n	n

Auto switch

Nil Without auto switch

- Refer to page 205 for the applicable auto switch model.
- Enter the auto switch mounting type (B) even when a built-in magnet cylinder without an auto switch is required.

Head cover port location

	TO POIL ICCUMO	
Bore size [mm] Symbol	ø10, ø16	
Nil	Perpendicular to axis	
R	Axial	0

- Double clevis is only available for being perpendicular to axis.
- Double-side bossed type is only available for being perpendicular to axis.

Mounting Bracket Part Nos. for the 25A- Series

<u></u>		
Mounting	Bore size [mm]	
bracket	10	16
Foot bracket	CJ-L016SUS	CJK-L016SUS
Flange bracket	CJ-F016SUS	CJK-F016SUS

* The 25A- series specifications and dimensions are the same as those of the standard model. (Excluding the foot and flange plate thickness)

Click here for details.

Air Cylinders Control Valves

Related Products

Rotary Actuators

Air Grippers Equipment

Air Preparation

Modular F.R.L./Pressure Control Equipment

Detection Switches

Fluid Control Equipment

Electric Actuators

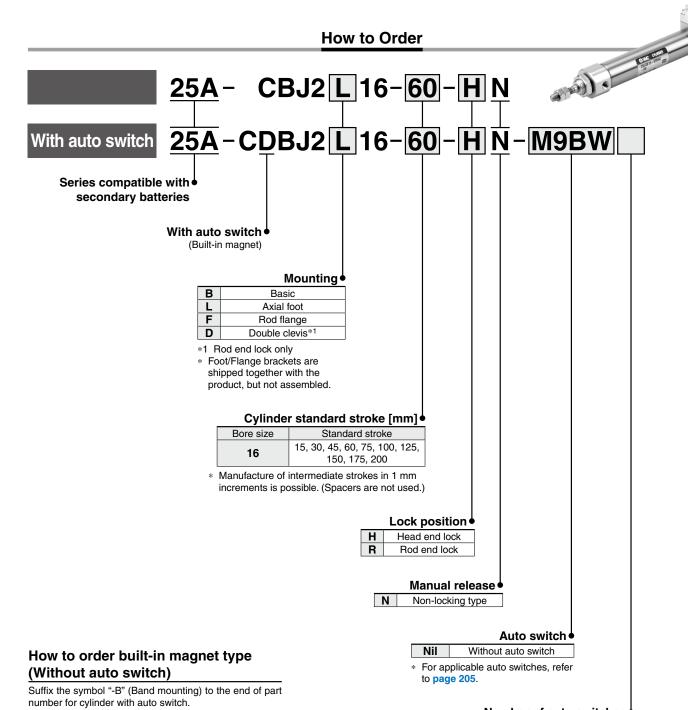


Air Cylinder: With End Lock

25A-CBJ2 Series

RoHS





Mounting Bracket Part Nos. for the 25A. Series

Example

25A-CDBJ2B16-60-HN-B

LUA OCITICO	
Marriage by a skat	Bore size [mm]
Mounting bracket	16
Foot bracket	CJ-L016SUS
Flange bracket	CJ-F016SUS

Number of auto switches

Nil	2
S	1
n	n

* The 25A- series specifications and dimensions are the same as those of the standard model. Click here for details.

Directional Control Valves Air Cylinders

Related Products

Rotary Actuators Air Grippers

Equipment

Air Preparation

Modular F.R.L./Pressure

Detection Switches

Fluid Control Equipment

Electric Actuators

Air Cylinder: Standard Type Double Acting, Single Rod

25A-CM2 Series

Ø20, Ø25, Ø32, Ø40

30 **How to Order** 25A-C D M2 L 40-150 A Z-M9BW Number of Series compatible auto switches with secondary 2 **batteries** S 1 n n With auto switch Auto switch Without magnet Without auto switch Nil for switch* Refer to page 205 for the With auto switch applicable auto switch model. (Built-in magnet) *1 In the case of without magnet Rod end thread for switch, auto switch cannot Male rod end be mounted. F Female rod end **Mounting** Cushion В Basic Nil Rubber bumper Air cushion Axial foot F Rod flange Cylinder Stroke [mm] G Head flange С Single clevis Bore size Standard stroke*1 Maximum stroke D Double clevis 20 1000 U Rod trunnion 25 1500 25, 50, 75, 100, 125, 150 Т Head trunnion 32 200, 250, 300 2000 40 Ε Integrated clevis 2000 ٧ Integrated clevis (90°) *1 Other intermediate strokes can be manufactured upon receipt ΒZ Boss-cut/Basic of order. Manufacture of intermediate strokes in 1 mm increments is possible. (Spacers are not used.) Boss-cut/ **F7** When exceeding 300 strokes, the allowable maximum stroke Rod flange

Built-in Magnet Cylinder Model

117

If a built-in magnet cylinder without an auto switch is required, there is no need to enter the symbol for the auto switch.

(Example) 25A-CDM2F32-100AZ

l ●Bore size

20	20 mm
25	25 mm
32	32 mm
40	40 mm

* The 25A- series specifications and dimensions are the same as those of the standard model.

length is determined by the stroke selection table (Web

Catalog or Best Pneumatics).

Click here for details.

Mounting Bracket Part Nos. for the 25A- Series

Boss-cut/

Rod trunnion

mountaing bracket i dit itoer for the 2011 Corner							
Maunting brookst	Min.		Bore siz	ze [mm]		Description (for min order)	
Mounting bracket	order	20	20 25 32		40	Description (for min. order)	
Axial foot*1	2	CM-L020B-XB12	CM-L03	2B-XB12	CM-L040B-XB12	2 foots, 1 mounting nut	
Flange	1	CM-F020BSUS	CM-F032BSUS		CM-F040BSUS	1 flange	
Single clevis*2	1	CM-C020B	CM-C032B		CM-C040B	1 single clevis, 3 liners	
Double clevis*2*3 (with pin)	1	25A-CM-D020B	25A-CM-D032B		25A-CM-D040B	1 double clevis, 3 liners, 1 clevis pin, 2 retaining rings	
Trunnion (with nut)	1	25-CM-T020B	25-CM	-T032B	25-CM-T040B	1 trunnion, 1 trunnion nut	

*1 Order 2 foot brackets for each cylinder unit.

*2 3 liners are attached with a clevis bracket for adjusting the mounting angle.

*3 A clevis pin and retaining rings (split pins for ø40) are attached.

Auto Switches

Air Cylinder: Standard Type **Double Acting, Single Rod**

25A-CG1 Series

Ø20, Ø25, Ø32, Ø40, Ø50, Ø63, Ø80, Ø100



25A-CDG1LN25-100Z-M9BW

Series compatible with secondary batteries

With auto switch

Nil	Without magnet for switch*1
D	With auto switch (Built-in magnet)

*1 In the case of without magnet for switch, auto switch cannot be mounted.

Mounting 4

В	Basic					
Z *1	Basic (without trunnion mounting female thread)					
L	Axial foot					
F	Rod flange					
G	Head flange					
U*1	Rod trunnion					
T *1	Head trunnion					
D	Clevis					

*1 Not available for Ø80 or Ø100.

Built-in Magnet Cylinder Model

switch is required, there is no need to enter the

If a built-in magnet cylinder without an auto

symbol for the auto switch.

(Example) 25A-CDG1FN32-100Z

- * Mounting bracket is shipped together with the product, but not assembled.
- The cylinder for F, G, L, D mounting types is Z: Basic (without trunnion mounting female thread).

Type •

N	Rubber bumper
Α	Air cushion
	_

Rore size

00.	COLCO
20	20 mm
25	25 mm
32	32 mm
40	40 mm
50	50 mm
63	63 mm
80	80 mm
100	100 mm

Number of auto switches

Nil	2
S	1
n	n

Nil Without auto switch

Refer to page 205 for the applicable auto switch model.

Rod end thread

Nil	Rod end male thread
F	Rod end female thread

Cylinder stroke [mm]

* Oy 1111	aci sa oke [iiiii]	
Bore size [mm]	Standard stroke*1 [mm]	Long stroke*2 [mm]
20	25, 50, 75, 100, 125, 150, 200	201 to 1500
25		
32		
40	25, 50, 75, 100, 125,	301 to 1500
50, 63	150, 200, 250, 300	301 10 1300
80		
100		

- Other intermediate strokes can be manufactured upon receipt of order. Manufacture of intermediate strokes in 1 mm increments is possible. (Spacers are not used.)
- *2 The long stroke shows the maximum manufacturable stroke. For details about maximum stroke that can be used for each mounting bracket, refer to the stroke selection table (Web Catalog or Best Pneumatics).
 - * The 25A- series specifications and dimensions are the same as those of the standard model.

Click here for details.

Mounting Bracket Part Nos. for the 25A- Series

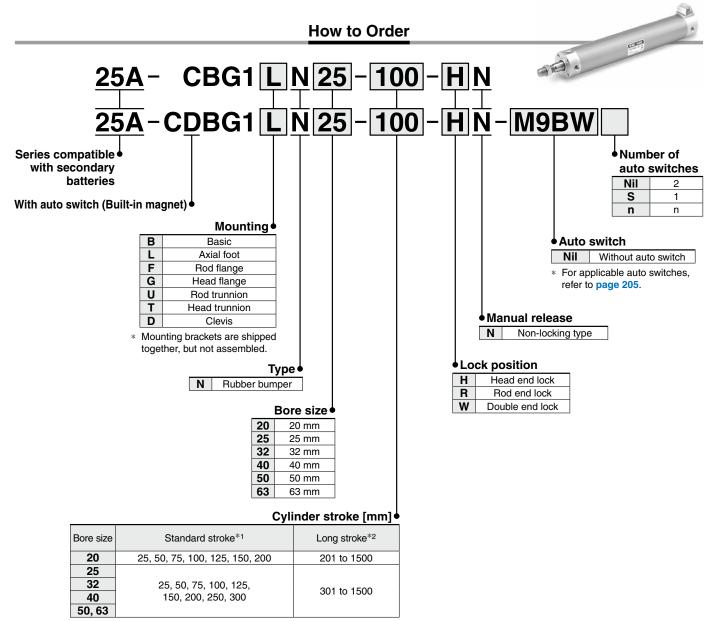
······································	mountaing Bracket Fart Roof for the 2011 Confee									
Mounting	Min.				Bore siz	ze [mm]				Description
bracket	order	20	25	32	40	50	63	80	100	Description
Foot	2*1	90-CG-L020	90-CG-L025	90-CG-L032	90-CG-L040	90-CG-L050	25-CG-L063	25-CG-L080	25-CG-L100	Foot x 2, Mounting bolt x 8
Flange	1	90-CG-F020	90-CG-F025	90-CG-F032	90-CG-F040	90-CG-F050	25-CG-F063	25-CG-F080	25-CG-F100	Flange x 1, Mounting bolt x 4
Trunnion pin				25-CG-T032					_	Trunnion pin x 2, Trunnion bolt x 2, Flat washer x 2
Clevis	1	25-CG-D020	25-CG-D025	25-CG-D032	25-CG-D040	25-CG-D050	25-CG-D063	25-CG-D080	25-CG-D100	Clevis x 1, Mounting bolt x 4, Clevis pin x 1, Retaining ring x 2
Pivot bracket	1	25-CG-020-24A	25-CG-025-24A	25-CG-032-24A	25-CG-040-24A	25-CG-050-24A	25-CG-063-24A	25-CG-080-24A	25-CG-100-24A	Pivot bracket x 1

^{*1} Order two foot brackets per cylinder.

Air Cylinder: With End Lock

25A-CBG1 Series

Ø20, Ø25, Ø32, Ø40, Ø50, Ø63



- *1 Other intermediate strokes can be manufactured upon receipt of order. Manufacture of intermediate strokes in 1 mm increments is possible. (Spacers are not used.)
- *2 The long stroke shows the maximum manufacturable stroke. For details about maximum stroke that can be used for each mounting bracket, refer to the stroke selection table (**Web Catalog** or Best Pneumatics).

Built-in Magnet Cylinder Model

If a built-in magnet cylinder without an auto switch is required, there is no need to enter the symbol for the auto switch.

(Example) 25A-CDBG1FN32-100-RN

Mounting Bracket Part Nos. for the 25A- Series

Mounting	Min.		Description					
bracket	order	20	25	32	40	50	63	Description
Foot	2*1	90-CG-L020	90-CG-L025	90-CG-L032	90-CG-L040	90-CG-L050	25-CG-L063	Foot x 2, Mounting bolt x 8
Flange	1	90-CG-F020	90-CG-F025	90-CG-F032	90-CG-F040	90-CG-F050	25-CG-F063	Flange x 1, Mounting bolt x 4
Trunnion pin	1	25-CG-T020	25-CG-T025	25-CG-T032	25-CG-T040	25-CG-T050	25-CG-T063	Trunnion pin x 2, Trunnion bolt x 2, Flat washer x 2
Clevis	1	25-CG-D020	25-CG-D025	25-CG-D032	25-CG-D040	25-CG-D050	25-CG-D063	Clevis x 1, Mounting bolt x 4, Clevis pin x 1, Retaining ring x 2
Pivot bracket	1	25-CG-020-24A	25-CG-025-24A	25-CG-032-24A	25-CG-040-24A	25-CG-050-24A	25-CG-063-24A	Pivot bracket x 1

^{*1} Order two foot brackets per cylinder.

The 25A- series specifications and dimensions are the same as those of the standard model.
 Click here for details.

25A-MB Series

Ø32, Ø40, Ø50, Ø63, Ø80, Ø100

How to Order



25A-MDBL32-50Z-M9BW

Series compatible with secondary batteries

With auto switch

Nil	Without magnet for switch*1
D	With auto switch (Built-in magnet)

In the case of without magnet for switch, auto switch cannot be mounted.

Mounting •

В	Basic			
L	Axial foot			
F	Rod flange			
G	Head flange			
С	Single clevis			
D	Double clevis			
T	Center trunnion			

Bore size

32	32 mm
40	40 mm
50	50 mm
63	63 mm
80	80 mm
100	100 mm

Number of auto switches

uuto	0111101
Nil	2
S	1
3	3
n	n

Auto switch

Nil Without auto switch

Refer to page 205 for the applicable auto switch model.

Cylinder stroke [mm]

Bore [mm]	Standard stroke [mm]
32	25, 50, 75, 100, 125, 150, 175, 200, 250, 300, 350, 400, 450, 500
40	25, 50, 75, 100, 125, 150, 175, 200, 250, 300, 350, 400, 450, 500
50	25, 50, 75, 100, 125, 150, 175, 200, 250, 300, 350, 400, 450, 500, 600
63	25, 50, 75, 100, 125, 150, 175, 200, 250, 300, 350, 400, 450, 500, 600
80	25, 50, 75, 100, 125, 150, 175, 200, 250, 300, 350, 400, 450, 500, 600, 700, 800
100	25, 50, 75, 100, 125, 150, 175, 200, 250, 300, 350, 400, 450, 500, 600, 700, 800

* Intermediate strokes are available. (No spacer is used.)

Built-in Magnet Cylinder Model

If a built-in magnet cylinder without an auto switch is required, there is no need to enter the symbol for the auto switch. (Example) 25A-MDBB40-100Z

* The 25A- series specifications and dimensions are the same as those of the standard model.

Mounting Bracket Part Nos. for the 25A- Series

Bore size [mm]	32	40	50	63	80	100
Foot*1	25A-MB-L03	25A-MB-L04	25A-MB-L05	25A-MB-L06	25A-MB-L08	25A-MB-L10
Flange	MB-F03-XC7	MB-F04-XC7	MB-F05-XC7	MB-F06-XC7	MB-F08-XC7	MB-F10-XC7
Single clevis	25-MB-C03	25-MB-C04	25-MB-C05	25-MB-C06	25-MB-C08	25-MB-C10
Double clevis	25-MB-D03	25-MB-D04	25-MB-D05	25-MB-D06	25-MB-D08	25-MB-D10

*1 Two foot brackets required for one cylinder.

Click here for details.

Electric Actuators

Auto Switches

Control Valves

Air Cylinders

Related Products Rotary Actuators

Air Grippers

Vacuum Equipment

Air Preparation

^{*} Accessories for each mounting bracket are as follows: Foot, flange, single clevis/body mounting bolt, double clevis/body mounting bolt, clevis pin, flat washers and split pins.

Air Cylinder: Standard Type Double Acting, Single Rod

25A-CA2 Series

Ø40, Ø50, Ø63, Ø80, Ø100

25A-CDA2L50-100Z-M9BW

How to Order



Series compatible with

secondary batteries

With auto switch

Nil	Without magnet for switch*1		
D	With auto switch (Built-in magnet)		

*1 In the case of without magnet for switch, auto switch cannot be mounted.

Mounting •

В	Basic				
L	Axial foot				
F	Rod flange				
G	G Head flange				
С	C Single clevis				
D	Double clevis				
Т	T Center trunnion				

Bore size

	0 0.20
40	40 mm
50	50 mm
63	63 mm
80	80 mm
100	100 mm

Number of auto switches

SWITCHES			
Nil 2			
S	1		
3	3		
n	n		

Auto switch

Nil	Without auto switch

Refer to page 205 for the applicable auto switch model.

Cylinder stroke [mm]

40	25, 50, 75, 100, 125, 150, 175, 200, 250, 300, 350, 400, 450, 500
50, 63	25, 50, 75, 100, 125, 150, 175, 200, 250, 300, 350, 400, 500, 600
80, 100	25, 50, 75, 100, 125, 150, 175, 200, 250, 300, 350, 400, 450, 500, 600, 700

Intermediate strokes not listed above are produced upon receipt of order.

Built-in Magnet Cylinder Model

If a built-in magnet cylinder without an auto switch is required, there is no need to enter the symbol for the auto switch (Example) 25A-CDA2L40-100Z

* The 25A- series specifications and dimensions are the same as those of the standard model.

Click here for details.

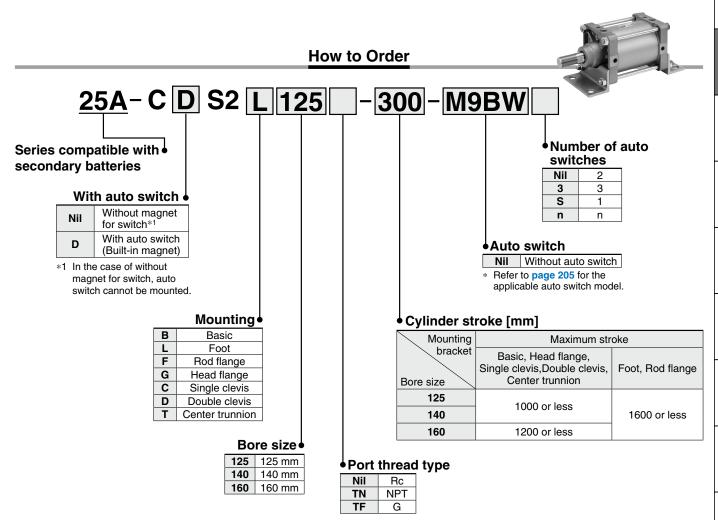
Mounting Bracket Part Nos. for the 25A- Series

Bore size [mm]	40	50	63	80	100
Axial foot*1	25A-CA2-L04	25A-CA2-L05	25A-CA2-L06	25A-CA2-L08	25A-CA2-L10
Flange	25A-CA2-F04	25A-CA2-F05	25A-CA2-F06	25A-CA2-F08	25A-CA2-F10
Single clevis	25A-CA2-C04	25A-CA2-C05	25A-CA2-C06	25A-CA2-C08	25A-CA2-C10
Double clevis*2	25A-CA2-D04	25A-CA2-D05	25A-CA2-D06	25A-CA2-D08	25A-CA2-D10

^{*1} When axial foot brackets are used, two pieces should be ordered for each cylinder.



^{*2} A clevis pin, flat washers and split pins are shipped together with double clevis.



Built-in Magnet Cylinder Model

If a built-in magnet cylinder without auto switch is required, there is no need to enter the symbol for auto switch.
(Example) 25A-CS2B125-100

* The 25A- series specifications and dimensions are the same as those of the standard model.

Click here for details.

Mounting Bracket Part Nos. for the 25A- Series

Bore size [mm]	125	140	160
Axial foot*1	CS2-L12	CS2-L14	CS2-L16
Flange	CS2-F12	CS2-F14	CS2-F16
Single clevis	CS2-C12	CS2-C14	CS2-C16
Double clevis*2	25A-CS2-D12	25A-CS2-D14	25A-CS2-D16

^{*1} Order two foot brackets per cylinder.

Air Cylinders

Directional Control Valves

Related Products

Rotary Actuators

Vacuum Equipment Air Grippers

Air Preparation Equipment

Clean Air Filters

Modular F.R.L./Pressure Control Equipment

Fittings/Flow
Control Equipment

Detection Switches

Fluid Control Equipment

Electric Actuators

^{*2} A clevis pin and split pins are shipped together with double clevis.