Mini Free Mount Cylinder

25A-CUJ Series

ø6, ø8, ø10

RoHS



How to Order

	25A		CUJ	B	6	–	10	D				
With auto switch	25A	–	CDUJ	B	6	–	10	D		–	F8N	

Series compatible with secondary batteries

With auto switch (Built-in magnet)

Mounting

B	Basic (Through-hole)

Bore size

6	6 mm
8	8 mm
10	10 mm

Standard stroke [mm]

Bore size	Standard stroke
6, 8, 10	4, 6, 8, 10, 15, 20 25, 30

Action

D	Double acting

Rod end thread

Nil	Rod end female thread
M	Rod end male thread

Auto switch

Nil	Without auto switch

∗ Refer to the **Web Catalog** for details on applicable auto switch models.

Number of auto switches

Nil	2
S	1

∗ M9□: With 1 pc.

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-CDUJB8-15DM

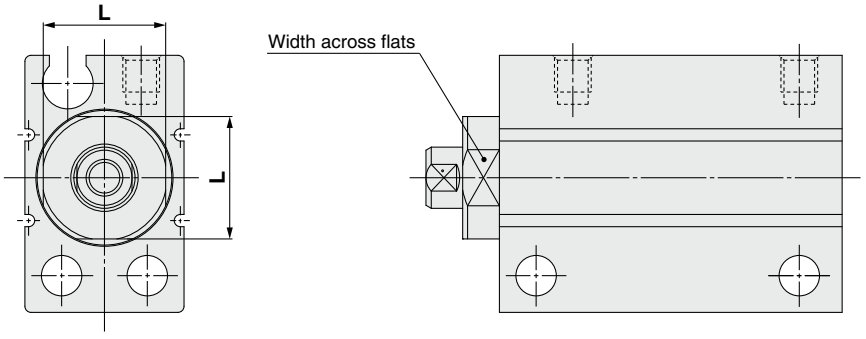
∗ The 25A- series specifications are the same as those of the standard model.

For details, refer to the Web Catalog.

Dimensions (Dimensions other than those shown below are the same as the standard model.) **For details, refer to the Web Catalog.**

25A-C□UJB 6 / 8 / 10

∗ The position of the width across flats may not be parallel to the cylinder tube



[mm]

Bore size	L dimension
6	8
8	10
10	11

Mini Free Mount Cylinder

25A-CUJ Series

ø12, ø16, ø20

RoHS



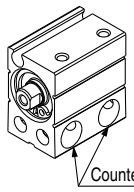
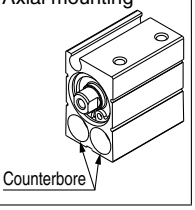
How to Order

	25A-		CUJ	B	12	-	30	D			
With auto switch	25A-	C	DUJ	B	12	-	30	D		- F8N	

Series compatible with secondary batteries

With auto switch (Built-in magnet)

Mounting direction

B	Lateral mounting 
S	Axial mounting 

Bore size

12	12 mm
16	16 mm
20	20 mm

Standard stroke [mm]

Bore size	Standard stroke
12, 16, 20	5, 10, 15, 20, 25 30, 35, 40, 45, 50

Action

D	Double acting

Rod end thread

Nil	Rod end female thread
M	Rod end male thread

Auto switch

Nil	Without auto switch

∗ Refer to the **Web Catalog** for details on applicable auto switch models.

Number of auto switches

Nil	2
S	1

∗ M9□: With 1 pc.

Built-in Magnet Cylinder Model

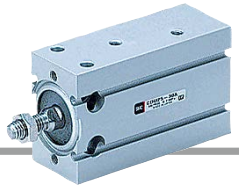
If a built-in magnet cylinder without an auto switch is required, there is no need to enter the symbol for the auto switch.
(Example) 25A-CDUJB12-15DM

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

For details, refer to the Web Catalog.

Free Mount Cylinder
Double Acting, Single Rod
25A-CU Series
ø10, ø16, ø20, ø25, ø32

RoHS



How to Order

25A – C D U 16 – 30 D – 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.

Bore size

10	10 mm
16	16 mm
20	20 mm
25	25 mm
32	32 mm

Cylinder stroke [mm]

Bore size	Standard stroke	Long stroke
10, 16	5, 10, 15, 20, 25, 30	40, 50, 60
20, 25, 32	5, 10, 15, 20, 25, 30, 40, 50	60, 70, 80, 90, 100

Action

D	Double acting

Auto switch

Nil	Without auto switch

* Refer to the **Web Catalog** for details on applicable auto switch models.

Number of auto switches

Nil	2
S	1

Built-in Magnet Cylinder Model

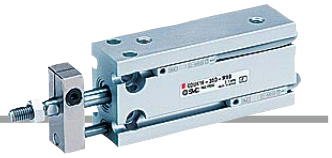
If a built-in magnet cylinder without an auto switch is required, there is no need to enter the symbol for the auto switch.
(Example) 25A-CDU20-25D

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

For details, refer to the Web Catalog.

Free Mount Cylinder: Non-rotating Rod Type
Double Acting, Single Rod
25A-CUK Series
ø10, ø16, ø20, ø25, ø32

RoHS



How to Order

25A – C D UK 16 – 30 D – 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.

Non-rotating rod type

Bore size

10	10 mm
16	16 mm
20	20 mm
25	25 mm
32	32 mm

Cylinder stroke [mm]

Bore size	Standard stroke	Long stroke
10, 16	5, 10, 15, 20, 25, 30	40, 50, 60
20, 25, 32	5, 10, 15, 20, 25, 30, 40, 50	60, 70, 80, 90, 100

Action

D	Double acting

Auto switch

Nil	Without auto switch

* Refer to the **Web Catalog** for details on applicable auto switch models.

Number of auto switches

Nil	2
S	1

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-CDUK20-25D

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

For details, refer to the Web Catalog.

Compact Cylinder: Standard Type
Double Acting, Single Rod
25A-CQS Series
ø12, ø16, ø20, ø25

RoHS



How to Order

25A- C D QS B 20 - 30 D - 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

B	Through-hole/Both ends tapped common (Standard)
L	Foot
LC	Compact foot
F	Rod flange
G	Head flange
D	Double clevis

* In the case of long strokes, use either ends tapped mounting or bracket mounting.
* Mounting brackets are shipped together with the product but do not come assembled.
* Cylinder mounting bolts are not included.

Bore size

12	12 mm
16	16 mm
20	20 mm
25	25 mm

Cylinder stroke [mm]

Bore size	Standard stroke	Long stroke
12, 16	5, 10, 15, 20, 25, 30	35, 40, 45, 50, 75, 100, 125, 150, 175, 200
20	5, 10, 15, 20, 25, 30, 35, 40, 45, 50	75, 100, 125, 150, 175, 200
25		75, 100, 125, 150, 175, 200, 250, 300

Action

D	Double acting

Body option

<Standard stroke>

Nil	Standard
C	With rubber bumper
M	Rod end male thread

* Combination of body options is available.

<Long stroke>

C	With rubber bumper Rod end female thread (Standard)
CM	With rubber bumper Rod end male thread

* Rubber bumper is standard equipment for long stroke type.

Auto switch

Nil	Without auto switch

* Refer to the **Web Catalog** for details on applicable auto switch models.

Number of auto switches

Nil	2
S	1
n	n

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-CDQSL25-30D

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

For details, refer to the Web Catalog.

Mounting Bracket Part Nos. for the 25A- Series

Bore size [mm]	Foot*1	Compact foot*1	Flange	Double clevis
12	25A-CQS-L012	25A-CQS-LC012	25A-CQS-F012	25-CQS-D012
16	25A-CQS-L016	25A-CQS-LC016	25A-CQS-F016	25-CQS-D016
20	25A-CQS-L020	25A-CQS-LC020	25A-CQS-F020	25-CQS-D020
25	25A-CQS-L025	25A-CQS-LC025	25A-CQS-F025	25-CQS-D025

*1 When ordering foot and compact foot brackets, order 2 pieces per cylinder.
* Parts included with each type of bracket are as follows.
Foot, Compact foot, Flange: Body mounting bolts
Double clevis type: Clevis pin, Type C retaining ring for axis, Body mounting bolt

Compact Cylinder: Standard Type
Double Acting, Double Rod

RoHS

25A-CQSW Series
ø12, ø16, ø20, ø25



How to Order

**25A- C D QSW B 20- 30 D - M9BWL **

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

B	Through-hole/Both ends tapped common (Standard)
L	Foot
LC	Compact foot
F	Flange

* Mounting brackets are shipped together with the product but do not come assembled.
* Cylinder mounting bolts are not included.

Bore size

12	12 mm
16	16 mm
20	20 mm
25	25 mm

Cylinder stroke [mm]

Bore size	Standard stroke
12, 16	5, 10, 15, 20, 25, 30
20	5, 10, 15, 20, 25, 30, 35, 40, 45, 50
25	

Action

D	Double acting

Cushion/Rod end thread

Nil	Standard
C	With rubber bumper
M	Rod end male thread

* Combination of body options is available.

Auto switch

Nil	Without auto switch

* Refer to the **Web Catalog** for details on applicable auto switch models.

Number of auto switches

Nil	2
S	1
n	n

Mounting Bracket Part Nos. for the 25A- Series

Bore size [mm]	Foot*1	Compact foot*1	Flange
12	25A-CQS-L012	25A-CQS-LC012	25A-CQS-F012
16	25A-CQS-L016	25A-CQS-LC016	25A-CQS-F016
20	25A-CQS-L020	25A-CQS-LC020	25A-CQS-F020
25	25A-CQS-L025	25A-CQS-LC025	25A-CQS-F025

*1 When ordering foot and compact foot brackets, order 2 pieces per cylinder.
* Body mounting bolts are included for each bracket.

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-CDQSWL25-30D

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

For details, refer to the Web Catalog.

Compact Cylinder: Anti-lateral Load Type

25A-CQS□S Series

ø12, ø16, ø20, ø25

RoHS



How to Order

25A-C D QS B S 20 - 30 D C - 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

B	Through-hole/Both ends tapped common (Standard)
L	Foot
LC	Compact foot
F	Rod flange
G	Head flange
D	Double clevis

* Mounting brackets are shipped together with the product but do not come assembled.
* Cylinder mounting bolts are not included.

Cushion

S	Anti-lateral load type

Bore size

12	12 mm
16	16 mm
20	20 mm
25	25 mm

Cylinder stroke [mm]

Bore size	Standard stroke
12, 16	5, 10, 15, 20, 25, 30
20, 25	5, 10, 15, 20, 25, 30, 35, 40, 45, 50

Action

D	Double acting

Body option

C	With rubber bumper Rod end female thread (Standard)
CM	With rubber bumper Rod end male thread

Auto switch

Nil	Without auto switch

* Refer to the **Web Catalog** for details on applicable auto switch models.

Number of auto switches

Nil	2
S	1
n	n

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-CDQSLS12-25DC
* With cushion only.

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

For details, refer to the Web Catalog.

Mounting Bracket Part Nos. for the 25A- Series

Bore size [mm]	Foot*1	Compact foot*1	Flange	Double clevis
12	25A-CQS-L012	25A-CQS-LC012	25A-CQS-F012	25-CQS-D012
16	25A-CQS-L016	25A-CQS-LC016	25A-CQS-F016	25-CQS-D016
20	25A-CQS-L020	25A-CQS-LC020	25A-CQS-F020	25-CQS-D020
25	25A-CQS-L025	25A-CQS-LC025	25A-CQS-F025	25-CQS-D025

*1 When ordering foot and compact foot brackets, order 2 pieces per cylinder.
* Parts included with each type of bracket are as follows.
Foot, Compact foot, Flange: Body mounting bolts
Double clevis type: Clevis pin, Type C retaining ring for axis, Body mounting bolt

Compact Cylinder: Standard
Double Acting, Single Rod

RoHS

25A-CQ2 Series

ø12, ø16, ø20, ø25, ø32, ø40, ø50, ø63, ø80, ø100



How to Order

25A – C [D] Q2 [B] [20] [ ] – 30 [D] [ ] [Z] – [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

B	Through-hole (Standard)
A	Both ends tapped
L	Foot
LC	Compact foot
F	Rod flange
G	Head flange
D	Double clevis

* Mounting brackets are shipped together with the product but do not come assembled.
* Cylinder mounting bolts are not included.

Bore size

12	12 mm	**40**	40 mm
16	16 mm	**50**	50 mm
20	20 mm	**63**	63 mm
25	25 mm	**80**	80 mm
32	32 mm	**100**	100 mm

Port thread type

Nil	M thread	ø12 to ø25
	Rc	ø32 to ø100
TN	NPT	
TF	G	

Auto switch

Nil	Without auto switch

* Refer to the **Web Catalog** for details on applicable auto switch models.

Number of auto switches

Nil	2
S	1
n	n

Auto switch mounting groove

Z	ø12 to ø25	2 surfaces
	ø32 to ø100	4 surfaces

* "Z" is not available for ø12 to ø25 without auto switches.

Body option

Nil	Standard (Rod end female thread)
C	With rubber bumper
M	Rod end male thread

* Combination of body options is available.

Action

D	Double acting

Cylinder stroke [mm]

12, 16	5, 10, 15, 20, 25, 30
20, 25	5, 10, 15, 20, 25, 30, 35, 40, 45, 50
32, 40	5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 75, 100
50 to 100	10, 15, 20, 25, 30, 35, 40, 45, 50, 75, 100

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-CDQ2L32-25DZ

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

For details, refer to the Web Catalog.

Mounting Bracket Part Nos. for the 25A- Series

Bore size [mm]		Foot*1	Compact foot*1	Flange	Double clevis
12	Without auto switch	25A-CQ-L012	25A-CQ-LC012	25A-CQ-F012	25-CQ-D012
	With auto switch	25A-CQ-LZ12	25A-CQ-LCZ12		
16	Without auto switch	25A-CQ-L016	25A-CQ-LC016	25A-CQ-F016	25-CQ-D016
	With auto switch	25A-CQ-LZ16	25A-CQ-LCZ16		
20	Without auto switch	25A-CQ-L020	25A-CQ-LC020	25A-CQ-F020	25-CQ-D020
	With auto switch	25A-CQ-LZ20	25A-CQ-LCZ20		
25	Without auto switch	25A-CQ-L025	25A-CQ-LC025	25A-CQ-F025	25-CQ-D025
	With auto switch	25A-CQ-LZ25	25A-CQ-LCZ25		
32		25A-CQ-L032	25A-CQ-LC032	25A-CQ-F032	25-CQ-D032
40		25A-CQ-L040	25A-CQ-LC040	25A-CQ-F040	25-CQ-D040
50		25A-CQ-L050	25A-CQ-LC050	25A-CQ-F050	25-CQ-D050
63		25A-CQ-L063	25A-CQ-LC063	25A-CQ-F063	25-CQ-D063
80		25A-CQ-L080	25A-CQ-LC080	25A-CQ-F080	25-CQ-D080
100		25A-CQ-L100	25A-CQ-LC100	25A-CQ-F100	25-CQ-D100

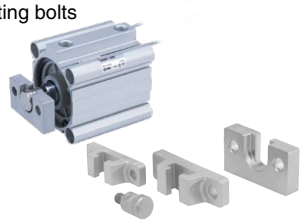
*1 When ordering foot and compact foot brackets, the required quantity will be different depending on the bore size.
ø12 to ø25:
• Without auto switch: Order 2 pieces per cylinder.
• With auto switch: Order 1 piece per cylinder. (Part number for a set of 2 foot brackets)
ø32 to ø100:
• Order 2 pieces per cylinder.

* Parts included with each type of bracket are as follows.
Foot, Compact foot, Flange: Body mounting bolts, Double clevis: Clevis pin, Type C retaining rings for axis, Body mounting bolts

Simple Joint (Standard)/ Part Nos.

Bore size [mm]	Joint	Type A mounting bracket	Type B mounting bracket
32, 40	YU-03	YA-03	YB-03
50, 63	YU-05	YA-05	YB-05
80	YU-08	YA-08	YB-08
100	YU-10	YA-10	YB-10

<Ordering>
• Joints are not included with type A or B mounting brackets. Order them separately.
(Example)
Bore size ø40 Part no.
• Type A mounting bracket ·····**YA-03**
• Joint·····**YU-03**



Compact Cylinder: Standard
Double Acting, Double Rod

RoHS

25A-CQ2W Series

ø12, ø16, ø20, ø25, ø32, ø40, ø50, ø63, ø80, ø100



How to Order

25A – C D Q2W B 20 – 30 D Z – 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

B	Through-hole (Standard)
A	Both ends tapped
L	Foot
LC	Compact foot
F	Flange

* Mounting brackets are shipped together with the product but do not come assembled.
* Cylinder mounting bolts are not included.

Bore size

12	12 mm	**40**	40 mm
16	16 mm	**50**	50 mm
20	20 mm	**63**	63 mm
25	25 mm	**80**	80 mm
32	32 mm	**100**	100 mm

Action

D	Double acting

Body option

Nil	Standard (Rod end female thread)
C	With rubber bumper
M	Rod end male thread

* Combination of body options is available.

Auto switch mounting groove

Z	ø12 to ø25	2 surfaces
	ø32 to ø100	4 surfaces

* "Z" is not available for ø12 to ø25 without auto switches.

Auto switch

Nil	Without auto switch

* Refer to the **Web Catalog** for details on applicable auto switch models.

Number of auto switches

Nil	2
S	1
n	n

Cylinder stroke [mm]

12, 16	5, 10, 15, 20, 25, 30
20, 25	5, 10, 15, 20, 25, 30, 35, 40, 45, 50
32, 40	5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 75, 100
50 to 100	10, 15, 20, 25, 30, 35, 40, 45, 50, 75, 100

Port thread type

Nil	M thread	ø12 to ø25
	Rc	ø32 to ø100
TN	NPT	
TF	G	

Mounting Bracket Part Nos. for the 25A- Series

Bore size [mm]		Foot*1	Compact foot*1	Flange
12	Without auto switch	25A-CQ-L012	25A-CQ-LC012	25A-CQ-F012
	With auto switch	25A-CQ-LZ12	25A-CQ-LCZ12	
16	Without auto switch	25A-CQ-L016	25A-CQ-LC016	25A-CQ-F016
	With auto switch	25A-CQ-LZ16	25A-CQ-LCZ16	
20	Without auto switch	25A-CQ-L020	25A-CQ-LC020	25A-CQ-F020
	With auto switch	25A-CQ-LZ20	25A-CQ-LCZ20	
25	Without auto switch	25A-CQ-L025	25A-CQ-LC025	25A-CQ-F025
	With auto switch	25A-CQ-LZ25	25A-CQ-LCZ25	
32		25A-CQ-L032	25A-CQ-LC032	25A-CQ-F032
40		25A-CQ-L040	25A-CQ-LC040	25A-CQ-F040
50		25A-CQ-L050	25A-CQ-LC050	25A-CQ-F050
63		25A-CQ-L063	25A-CQ-LC063	25A-CQ-F063
80		25A-CQ-L080	25A-CQ-LC080	25A-CQ-F080
100		25A-CQ-L100	25A-CQ-LC100	25A-CQ-F100

*1 When ordering foot and compact foot brackets, the required quantity will be different depending on the bore size.
ø12 to ø25:
· Without auto switch: Order 2 pieces per cylinder.
· With auto switch: Order 1 piece per cylinder. (Part number for a set of 2 foot brackets)
ø32 to ø100:
· Order 2 pieces per cylinder.

* Body mounting bolts are included for each bracket.

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-CDQ2WL32-25DZ

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

For details, refer to the Web Catalog.

Simple Joint (Standard)/Part Nos.

Bore size [mm]	Joint	Type A mounting bracket	Type B mounting bracket
32, 40	YU-03	YA-03	YB-03
50, 63	YU-05	YA-05	YB-05
80	YU-08	YA-08	YB-08
100	YU-10	YA-10	YB-10

<Ordering>
Joints are not included with type A or B mounting brackets. Order them separately.
(Example)
Bore size ø40 Part no.
Type A mounting bracket ····· **YA-03**
Joint ····· **YU-03**

Compact Cylinder: Large Bore Size
Double Acting, Single Rod
25A-CQ2 Series
ø125, ø140, ø160, ø180, ø200

RoHS



How to Order

25A- C D Q2B 125 □ -30 DC □ Z -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

B	Through-hole/ Both ends tapped common (Standard)

* Cylinder mounting bolts are not included.

Bore size

125	125 mm
140	140 mm
160	160 mm
180	180 mm
200	200 mm

Port thread type

Nil	Rc
TN	NPT
TF	G

Cylinder stroke [mm]

Bore size	Standard stroke
125, 140, 160 180, 200	10, 20, 30, 40, 50, 75, 100, 125, 150, 175, 200, 250, 300

Action

D	Double acting

Cushion

C	Rubber bumper

Body option

Nil	Standard (Rod end female thread)
M	Rod end male thread

Auto switch mounting groove

Z	4 surfaces

Auto switch

Nil	Without auto switch

* Refer to the **Web Catalog** for details on applicable auto switch models.

Number of auto switches

Nil	2
S	1
n	n

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-CDQ2B140-30DCZ

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

For details, refer to the Web Catalog.

Compact Cylinder: Long Stroke
Double Acting, Single Rod

RoHS

25A-CQ2 Series
ø32, ø40, ø50, ø63, ø80, ø100



How to Order

25A- C D Q2 A 32 □ -200 DC □ Z- 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

A	Both ends tapped
L	Foot
LC	Compact foot
F	Rod flange
G	Head flange
D	Double clevis

* Mounting brackets are shipped together with the product but do not come assembled.

Bore size

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

Port thread type

Nil	Rc
TN	NPT
TF	G

Cylinder stroke [mm]

Bore size	Standard stroke
32, 40, 50 63, 80, 100	125, 150, 175, 200, 250, 300

Action

D	Double acting

Cushion

C	Rubber bumper

Body option

Nil	Standard (Rod end female thread)
M	Rod end male thread

Auto switch mounting groove

Z	4 surfaces

Auto switch

Nil	Without auto switch

* Refer to the **Web Catalog** for details on applicable auto switch models.

Number of auto switches

Nil	2
S	1
n	n

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-CDQ2L40-200DCZ

Simple Joint (Standard)/Part Nos.

Bore size [mm]	Joint	Type A mounting bracket	Type B mounting bracket
32, 40	YU-03	YA-03	YB-03
50, 63	YU-05	YA-05	YB-05
80	YU-08	YA-08	YB-08
100	YU-10	YA-10	YB-10

<Ordering>
• Joints are not included with type A or B mounting brackets. Order them separately.
(Example)
Bore size ø40 Part no.
• Type A mounting bracket·····**YA-03**
• Joint·····**YU-03**

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

For details, refer to the Web Catalog.

Mounting Bracket Part Nos. for the 25A- Series

Bore size [mm]	Foot*1	Compact foot*1	Flange	Double clevis
32	25A-CQ-L032	25A-CQ-LC032	25A-CQ-F032	25-CQ-D032
40	25A-CQ-L040	25A-CQ-LC040	25A-CQ-F040	25-CQ-D040
50	25A-CQ-L050	25A-CQ-LC050	25A-CQ-F050	25-CQ-D050
63	25A-CQ-L063	25A-CQ-LC063	25A-CQ-F063	25-CQ-D063
80	25A-CQ-L080	25A-CQ-LC080	25A-CQ-F080	25-CQ-D080
100	25A-CQ-L100	25A-CQ-LC100	25A-CQ-F100	25-CQ-D100

*1 Order 2 pieces per cylinder.
* Parts included with each type of bracket are as follows.
Foot, Compact foot, Flange: Body mounting bolts, Double clevis: Clevis pin, Type C retaining rings for axis, Body mounting bolts

Compact Cylinder: Anti-lateral Load

25A-CQ2□S Series

ø32, ø40, ø50, ø63, ø80, ø100

RoHS



How to Order

25A- C D Q2 B S 32 □ - 30 D C □ Z - 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

B	Through-hole (Standard)
A	Both ends tapped
L	Foot
LC	Compact foot
F	Rod flange
G	Head flange
D	Double clevis

* Mounting brackets are shipped together with the product but do not come assembled.
* Cylinder mounting bolts are not included.

Type

S	Anti-lateral load

Bore size

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

Port thread type

Nil	Rc
TN	NPT
TF	G

Cylinder stroke [mm]

Bore size	Standard stroke
32, 40	5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 75, 100
50, 63, 80, 100	10, 15, 20, 25, 30, 35, 40, 45, 50, 75, 100

Action

D	Double acting

Cushion

C	Rubber bumper

Body option

Nil	Standard (Rod end female thread)
M	Rod end male thread

Auto switch mounting groove

Z	4 surfaces

Auto switch

Nil	Without auto switch

* Refer to the **Web Catalog** for details on applicable auto switch models.

Number of auto switches

Nil	2
S	1
n	n

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-CDQ2LS40-30DCZ

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

For details, refer to the Web Catalog.

Mounting Bracket Part Nos. for the 25A- Series

Bore size [mm]	Foot*1	Compact foot*1	Flange	Double clevis
32	25A-CQ-L032	25A-CQ-LC032	25A-CQ-F032	25-CQ-D032
40	25A-CQ-L040	25A-CQ-LC040	25A-CQ-F040	25-CQ-D040
50	25A-CQ-L050	25A-CQ-LC050	25A-CQ-F050	25-CQ-D050
63	25A-CQ-L063	25A-CQ-LC063	25A-CQ-F063	25-CQ-D063
80	25A-CQ-L080	25A-CQ-LC080	25A-CQ-F080	25-CQ-D080
100	25A-CQ-L100	25A-CQ-LC100	25A-CQ-F100	25-CQ-D100

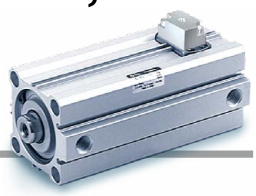
*1 Order 2 pieces per cylinder.
* Parts included with each type of bracket are as follows.
Foot, Compact foot, Flange: Body mounting bolts, Double clevis: Clevis pin, Type C retaining rings for axis, Body mounting bolts

Compact Cylinder: With End Lock

RoHS

25A-CBQ2 Series

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



How to Order

25A – C D BQ2 B 40 ☐ – 30 D C ☐ – H N – M9BW ☐

Series compatible with secondary batteries

With auto switch (Built-in magnet)

Mounting

ø20, ø25		ø32 to ø100	
B	Through-hole/Both ends tapped common (Standard)	**B**	Through-hole (Standard)∗1
L	Foot	**A**	Both ends tapped
LC	Compact foot	**L**	Foot
F	Rod flange	**LC**	Compact foot
G	Head flange	**F**	Rod flange
D	Double clevis	**G**	Head flange
		D	Double clevis

∗1 At the 75 and 100 mm strokes with ø80, ø100, both ends tapped (A) is the standard. Through-hole (B) is not available.

∗ Mounting brackets are shipped together with the product but do not come assembled.

Bore size

20	20 mm	**50**	50 mm
25	25 mm	**63**	63 mm
32	32 mm	**80**	80 mm
40	40 mm	**100**	100 mm

Port thread type

Nil	M thread	ø20, ø25
	Rc	ø32 to ø100
TN	NPT	
TF	G	

Cylinder stroke [mm]

Bore size	Standard stroke
20, 25, 32, 40, 50, 63	10, 15, 20, 25, 50, 75, 100
80, 100	25, 50, 75, 100

Action

D	Double acting

Cushion

C	Rubber bumper

Body option

Nil	Rod end female thread
M	Rod end male thread

Lock position

H	Head end lock
R	Rod end lock

Manual release type

N	Non-lock type

Auto switch

Nil	Without auto switch

∗ Refer to the **Web Catalog** for details on applicable auto switch models.

Number of auto switches

Nil	2
S	1
n	n

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-CDBQ2L32-30DC-RN

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

For details, refer to the Web Catalog.

Mounting Bracket Part Nos. for the 25A- Series

Bore size [mm]	Foot∗1	Compact foot∗1	Flange	Double clevis
20	25A-CQS-L020	25A-CQS-LC020	25A-CQS-F020	25-CQS-D020
25	25A-CQS-L025	25A-CQS-LC025	25A-CQS-F025	25-CQS-D025
32	25A-CQ-L032	25A-CQ-LC032	25A-CQ-F032	25-CQ-D032
40	25A-CQ-L040	25A-CQ-LC040	25A-CQ-F040	25-CQ-D040
50	25A-CQ-L050	25A-CQ-LC050	25A-CQ-F050	25-CQ-D050
63	25A-CQ-L063	25A-CQ-LC063	25A-CQ-F063	25-CQ-D063
80	25A-CQ-L080	25A-CQ-LC080	25A-CQ-F080	25-CQ-D080
100	25A-CQ-L100	25A-CQ-LC100	25A-CQ-F100	25-CQ-D100

∗1 Order 2 pieces per cylinder.

∗ Parts included with each type of bracket are as follows: Foot, Compact foot, Flange: Body mounting bolts, Double clevis: Clevis pin, Type C retaining rings for axis, Body mounting bolts

Compact Cylinder: Plate Type

25A-CQU Series

ø20, ø25, ø32, ø40



How to Order

25A – CQU B 32 – 30 [ ] – M9BW [ ]

Series compatible with secondary batteries

Mounting

B	Through-hole/Both ends tapped common (Standard)

Size

20	Piston area equivalent to 20 mm
25	Piston area equivalent to 25 mm
32	Piston area equivalent to 32 mm
40	Piston area equivalent to 40 mm

Cylinder stroke [mm]

Size	Stroke
20, 25	5, 10, 15, 20, 25, 30, 35, 40, 45, 50
32, 40	5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 75, 100

Body option

Nil	Rod end female thread
M	Rod end male thread

Auto switch

Nil	Without auto switch (Built-in magnet)

∗ Refer to the **Web Catalog** for details on applicable auto switch models.

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.

For details, refer to the Web Catalog.

Plate Cylinder: Double Acting, Single Rod

25A-MU Series

ø25, ø32, ø40, ø50, ø63

RoHS



How to Order

25A-MDUB25 □ -30DMZ-M9BW S

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

B	Basic

Size

25	Equiv. ø25 piston area
32	Equiv. ø32 piston area
40	Equiv. ø40 piston area
50	Equiv. ø50 piston area
63	Equiv. ø63 piston area

Port thread type

Nil	M thread	ø25
	Rc	ø32, ø40 ø50, ø63
TN	NPT	
TF	G	

Cylinder stroke [mm]

Size	Standard stroke
25, 32, 40 50, 63	5, 10, 15, 20, 25, 30, 35, 40, 45, 50 75, 100, 125, 150, 175, 200, 250, 300

Action

D	Double acting

Rod end configuration

Nil	Rod end female thread
M	Rod end male thread

Auto switch

Nil	Without auto switch

* Refer to the **Web Catalog** for details on applicable auto switch models.

Number of auto switches

Nil	2
S	1
n	n

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-MDUB32-30DZ

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

For details, refer to the Web Catalog.