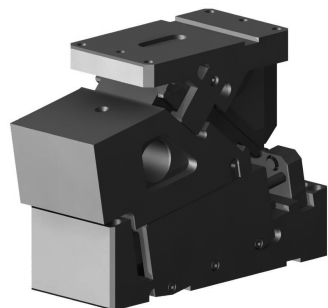


Die Mounted Cam Unit General Description of SVSC

VDI-BAK STANDARD



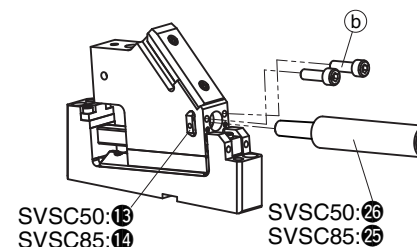
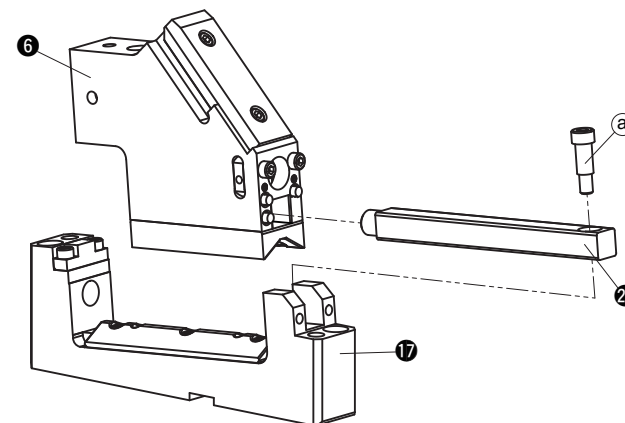
- SVSC complies with the VDI-BAK specification.
 - Specification of Guide Plate complies with VDI3357.
 - Specification of Gas Spring complies with VDI3003.
- V-shaped guides.
- 50, 85, 110, 150, 220, 330mm and 400mm mounting widths are available.
- Available angle are 0° to 20° in increments of 5°.
- Designed to facilitate easy removal of gas spring. (Disassembly of cam is unnecessary)
- Heavy duty type : high working force / return force.

Made-to-order product.

SVSC Specifications

Mounting Surface		Working Angle	Travel	Working Force kN(tonf)
W	H			Standard Working Force (one million strokes)
50	75		55	29.4(3.0)
85	85			58.8(6.0)
110		00	70	117.7(12.0)
		05		
150	110	10		166.7(17.0)
		15		
220		20	80	245.2(25.0)
330	180			343.2(35.0)
400				431.5(44.0)

SVSC50/85 Structure and Assembly / Disassembly



- Note) Only spring can be removed.
- 1) Remove hexagon socket head bolt (a).
 - 2) Pull out the spring stopper (13).
 - 3) Pull out the gas spring (SVSC 50:26, SVSC50:25).

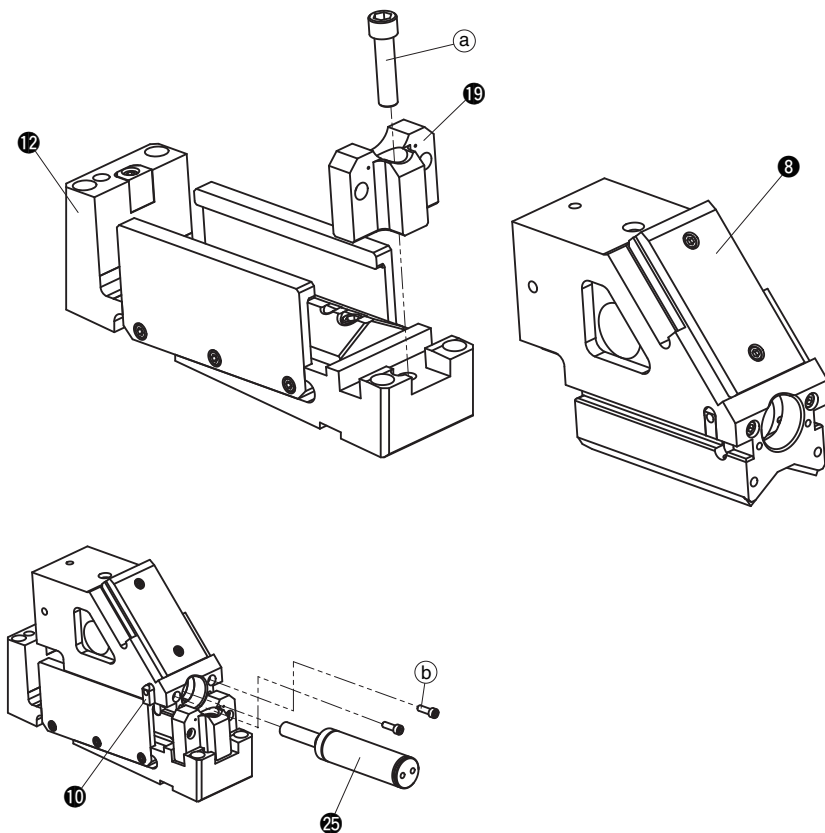
Disassembly method of SVSC50/85

- 1) Remove hexagon socket head bolt (a) and pull guide bar (20) from cam holder (17) 20mm to the rear. Remove the guide bar and cam slider (20.6).
- 2) Pull and remove the guide bar from the cam slider.

Assembly method of SVSC50/85

- 1) Assemble components in the reverse order of disassembly.
 - Make sure that there is no foreign material on the sliding area and assemble components.
 - The clearance between the guide bar / cam slider and the cam holder is adjusted. Match the stamped serial number on the holder and slider before assembly.
 - After reassembling, please ensure that all bolts removed are re-installed and tightened.

■SVSC110/150/220/330/400 Structure and Assembly / Disassembly



※ This figure shows SVSC110

Note) Only spring can be removed.

- 1) Remove hexagon socket head bolt(Ⓐ).
- 2) Pull out the spring stopper(10).
- 3) Pull out the gas spring(25).

● Disassembly method of SVSC110/150/220/330/400

- 1) Remove hexagon socket head bolt(Ⓐ) and remove stopper plate(19).
- 2) Pull and remove the cam slider(8) from the cam holder(12) to the rear.

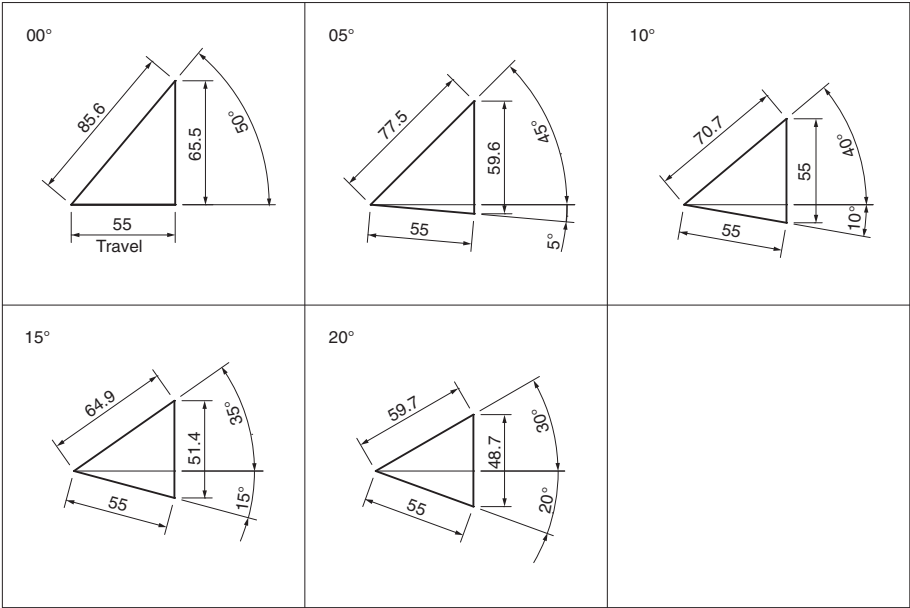
● Assembly method of SVSC110/150/220/330/400

- 1) Assemble components in the reverse order of disassembly.
 - Make sure that there is no foreign material on the sliding area and assemble components.
 - The clearance between the guide bar / cam slider and the cam holder is adjusted. Match the stamped serial number on the holder and slider before assembly.

Die Mounted Cam Unit

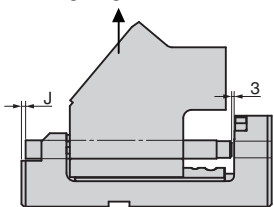
VDI-BAK STANDARD

Cam Diagram

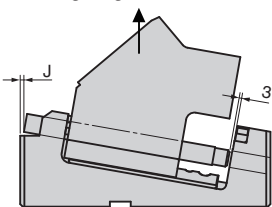


Required space for removing

Working Angle 00°



Working Angle 05°~20°

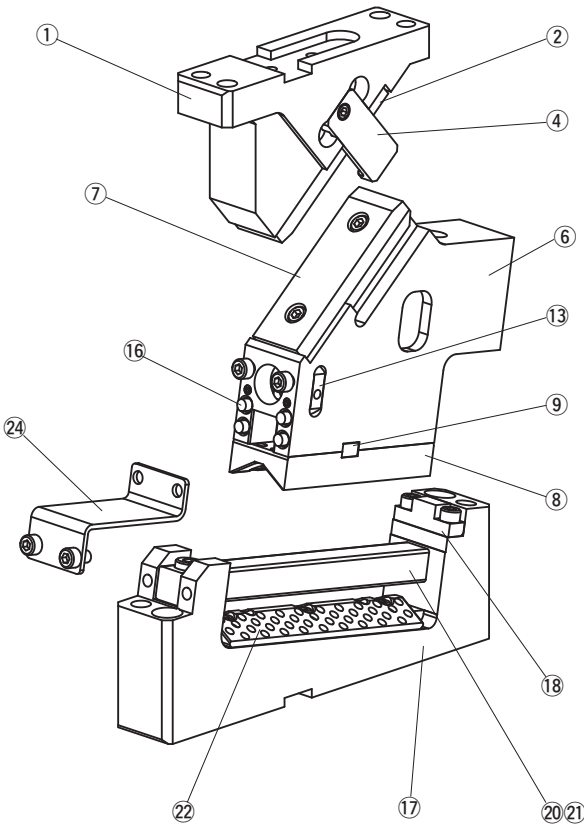


*No space for removing backward required

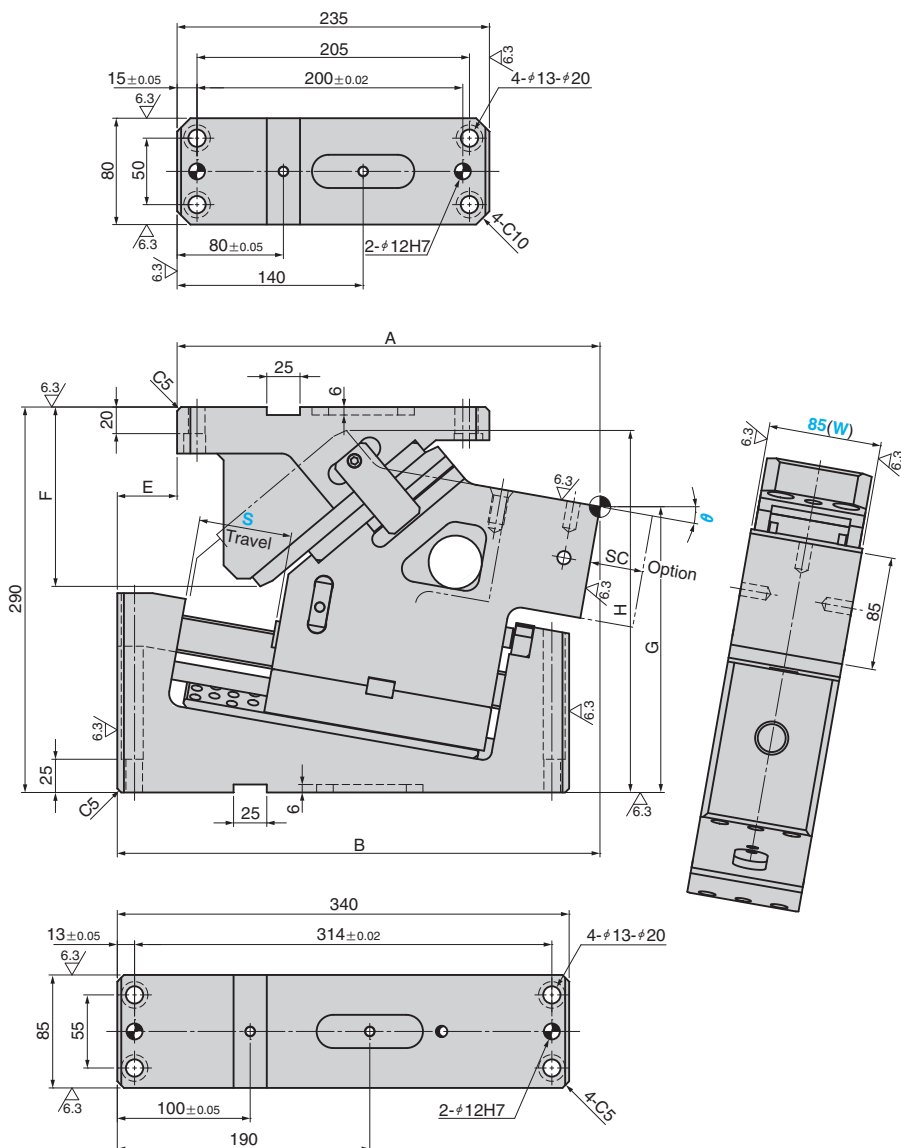
Working Angle	J
00°	5.0
05°	5.3
10°	4.4
15°	5.5
20°	8.5

Table of Components

No.	Description	Qty	Material and Remark	No.	Description	Qty	Material and Remark
①	Cam Driver	1	GGG60(FCD600)	16	Stopper	4	Urethane
②	Slide Plate	1	Bronze With Graphite(VSM-18-SP2)	17	Cam Holder	1	GGG60(FCD600)
④	Cam Positive Return	2	S45C HRC28~	18	Spring Block	1	S45C HRC55~
⑥	Cam Slider	1	GGG60(FCD600)	20	Guide Bar	1	SCM440
⑦	Slide Plate	1	SCM440(VSM-48-ST01)	21	Shoulder Bolt	1	SCM435
⑧	Cam Slide Guide(Upper)	1	S45C with Graphite HRC55~	22	Cam Slide Guide(Lower)	1	Bronze With Graphite
⑨	Key	2	S45C	24	Lock Plate	1	SPCC
13	Spring Stopper	2	S45C	26	Gas Spring	1	Refer to the Spring Specification Table.



SVSC85 (00°~20°)



θ	A	B	E	F	G	H
00	325.00	340.00	15	158.4	235.00	258.4
05	324.32	354.32	30	146.6	225.40	265.9
10	318.20	363.20	45	134.9	215.01	272.4
15	316.58	371.58	55	122.6	204.86	278.7
20	309.39	379.39	70	109.6	195.01	284.7

kN(tonf)	Cam Slider Weight kg	Total Weight kg	Catalog No.	(W)	θ	Travel S	Spring Type PS
Standard Working Force (one million strokes)							
		44.6			00		
		44.8			05		
58.8 (6.0)	18.8	45.1	SVSC	85	10	70	GK GD NGP
		45.9			15		GS
		46.8			20		



Order

Catalog No.	W	–	θ	–	S	–	PS
SVSC	85	–	10	–	70	–	GK

* Without gas spring but accessories for installation are included.

■ Spring Specification(Qty 1)

Gas Spring(Standard)			
Spring Type PS	Spring Force N(kgf)		Model
	Initial Force	Final Force	
GK		3500 (357.1)	TU250-080(KALLER)
GD	—	4000 (408.2)	90.3.00300.080(DADCO)
GS		3500 (357.1)	SPF.250.80(SDT)

Gas Spring(Power option"V")			
Spring Type PS	Spring Force N(kgf)		Model
	Initial Force	Final Force	
GK		7100 (724.5)	X500-080(KALLER)
GD	—	6840 (698.0)	U.0600.080(DADCO)
GS		7700 (785.7)	SFC.500.80(SDT)

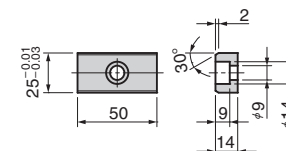
* Power gas spring available. Please contact us for details.



Option

Option Code	Specification
K	Dedicated key is attached. (It is not assembled to the main unit)
SC	The mount surface is extended forward in the range of 1 to 40 mm. (in increments of 1 mm)
NF	Nitrogen gas is not charged. Applicable to GK,GS and GD only.
V	Gas Spring is changed to Power type

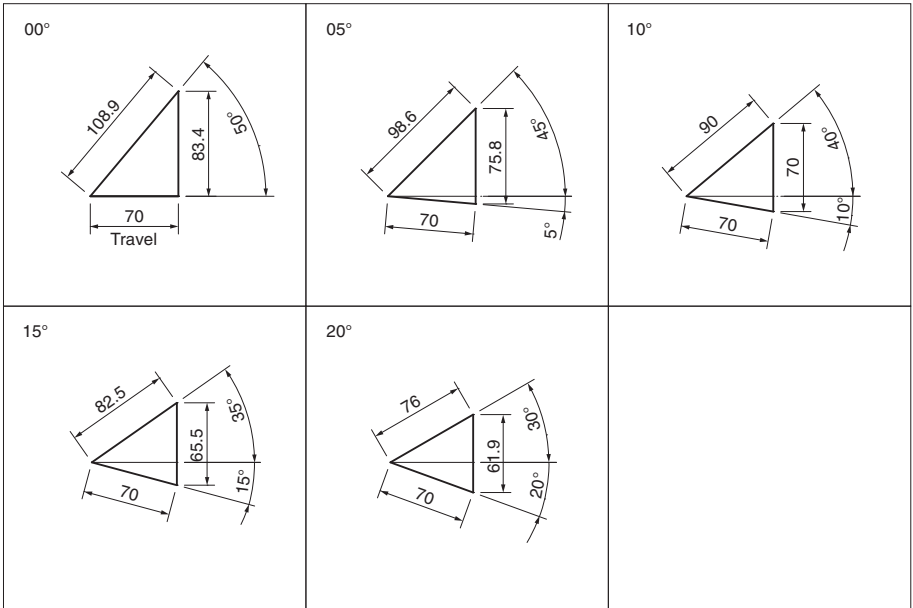
■ **Key Specification(Optional)**
(Qty 4 with M8×15 bolt)



Order

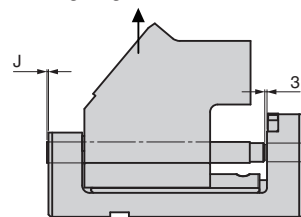
SVSC85-10-70-GK-NF-SC20
SVSC85-10-70-GK-V-K

Cam Diagram



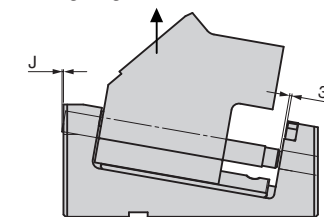
Required space for removing

Working Angle 00°



*No space for removing backward required

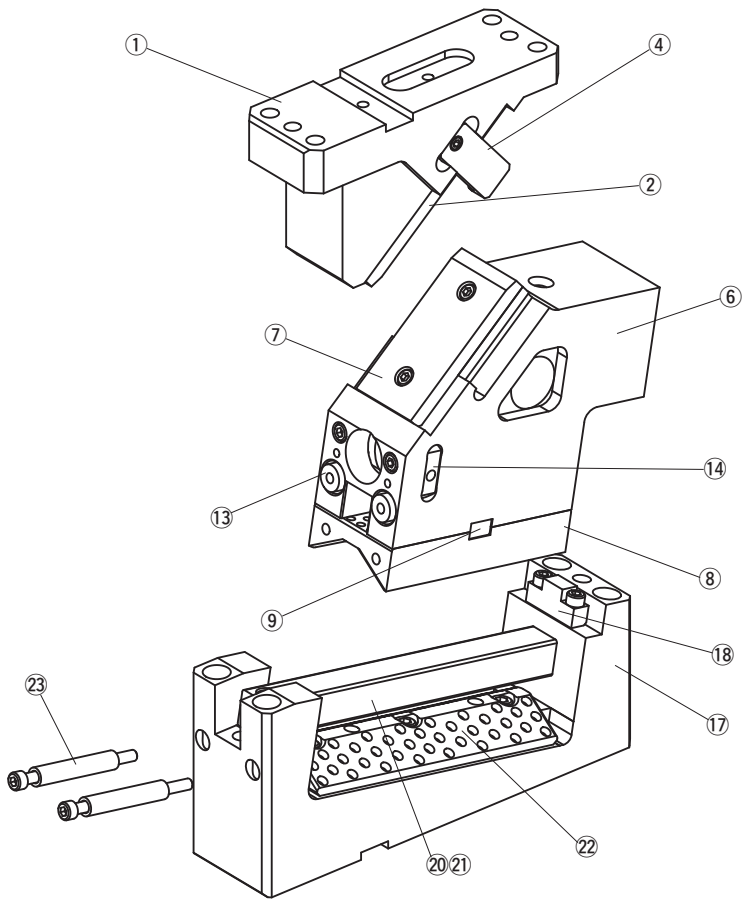
Working Angle 05°~20°



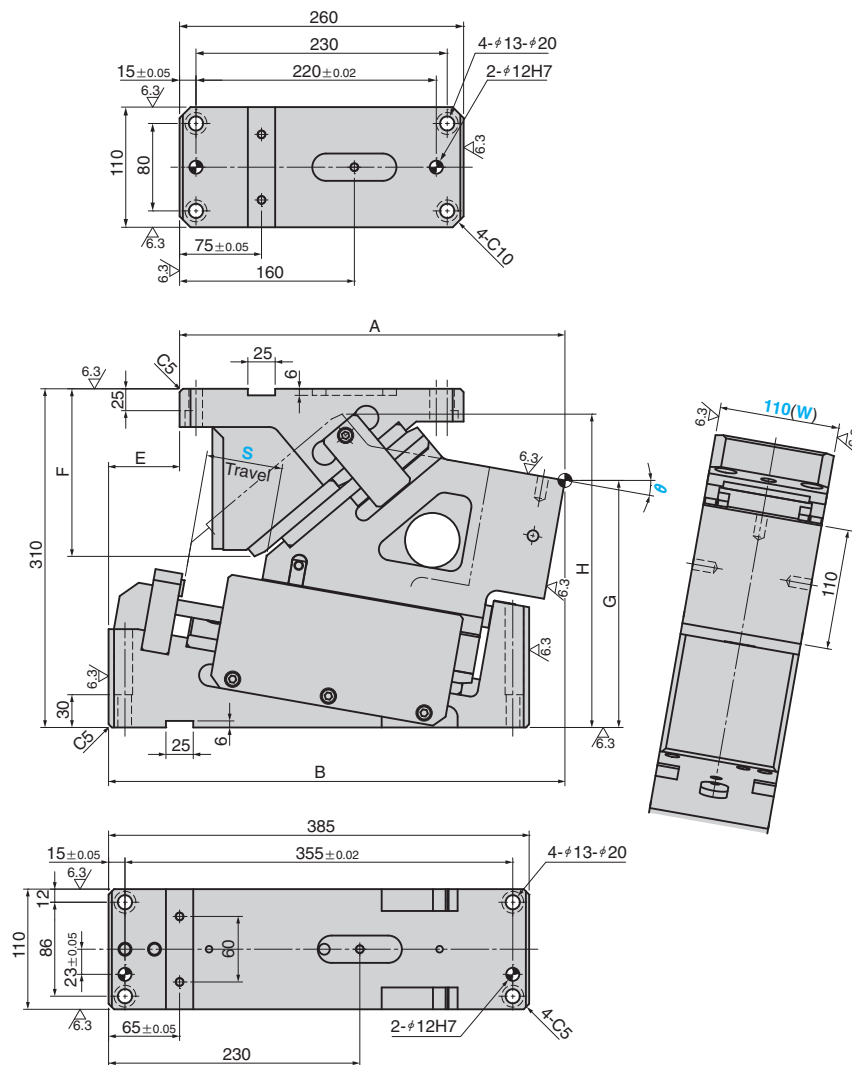
Working Angle	J
00°	3.0
05°	0.6
10°	1.9
15°	1.0
20°	-2.3

Table of Components

No.	Description	Qty	Material and Remark	No.	Description	Qty	Material and Remark
①	Cam Driver	1	GGG60(FCD600)	⑭	Spring Stopper	2	S45C
②	Slide Plate	1	Bronze With Graphite(VSM-29-SP2)	⑰	Cam Holder	1	GGG60(FCD600)
④	Cam Positive Return	2	S45C HRC28~	⑱	Spring Block	1	S45C HRC55~
⑥	Cam Slider	1	GGG60(FCD600)	⑳	Guide Bar	1	SCM440
⑦	Slide Plate	1	SCM440(VSM-58-ST01)	㉑	Shoulder Bolt	1	SCM435
⑧	Cam Slide Guide(Upper)	1	S45C with Graphite HRC55~	㉒	Cam Slide Guide(Lower)	1	Bronze With Graphite
⑨	Key	2	S45C	㉓	Lock Spacer	2	SS400
⑬	Stopper	2	Urethane(PCU20)	㉔	Gas Spring	1	Refer to the Spring Specification Table.



SVSC110 (00°~20°)



θ	A	B	E	F	G	H
00	360.00	385.00	25	177.8	250.00	274.3
05	361.59	401.59	40	168.5	235.56	278.2
10	352.76	417.76	65	153.4	226.13	286.8
15	353.41	428.41	75	138.7	215.75	294.0
20	348.46	438.46	90	124.7	204.47	299.6

kN(tonf) Standard Working Force (one million strokes)	Cam Slider Weight kg	Total Weight kg	Catalog No.	(W)	θ	Travel S	Spring Type PS
117.7 (12.0)	28.7	70.4	SVSC	110	00	70	GK GD NGP* GS
		70.3			05		
		71.1			10		
		73.0			15		
		74.9			20		

Order **Catalog No.** **W** - **θ** - **S** - **PS**
SVSC 110 - 10 - 70 - GK

*Without gas spring but accessories for installation are included.

Spring Specification(Qty 1)

Gas Spring(Standard)				Gas Spring(Power option "V")			
Spring Type PS	Spring Force N(kgf)		Model	Spring Type PS	Spring Force N(kgf)		Model
	Initial Force	Final Force			Initial Force	Final Force	
GK		6700 (683.7)	TU500-080(KALLER)	GK		11900 (1214.3)	X750-080(KALLER)
GD	—	6100 (622.4)	90.10.00500.080(DADCO)	GD	—	11360 (1159.2)	U.0800.080(DADCO)
GS		6600 (673.5)	SPF.500.80(SDT)	GS		12150 (1239.8)	SFC.750.80(SDT)

* Power gas spring available. Please contact us for details.



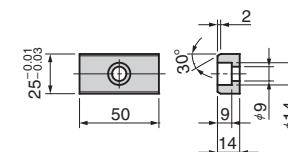
Option

Option Code	Specification
K	Dedicated key is attached. (It is not assembled to the main unit)
NF	Nitrogen gas is not charged. Applicable to GK,GS and GD only.
V	Gas Spring is changed to Power type.

Order **SVSC110 - 10 - 70 - GK - NF - K**
SVSC110 - 10 - 70 - GK - V

Key Specification(Option)

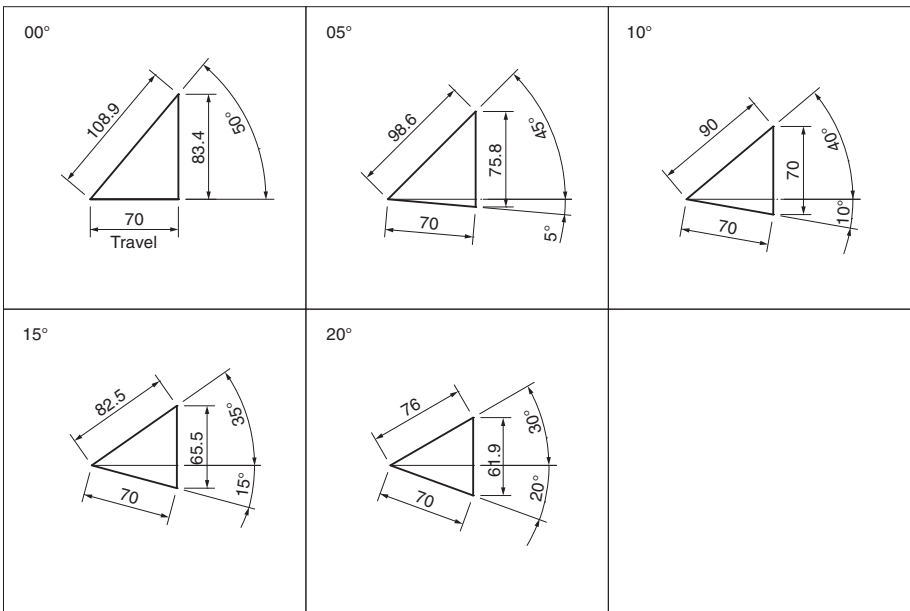
(Qty 6 with M8×15 bolt)



Die Mounted Cam Unit

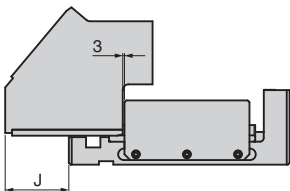
VDI-BAK STANDARD

Cam Diagram

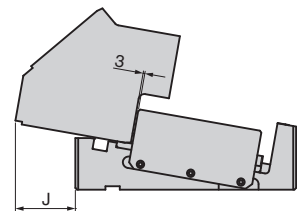


Required space for removing

Working Angle 00°



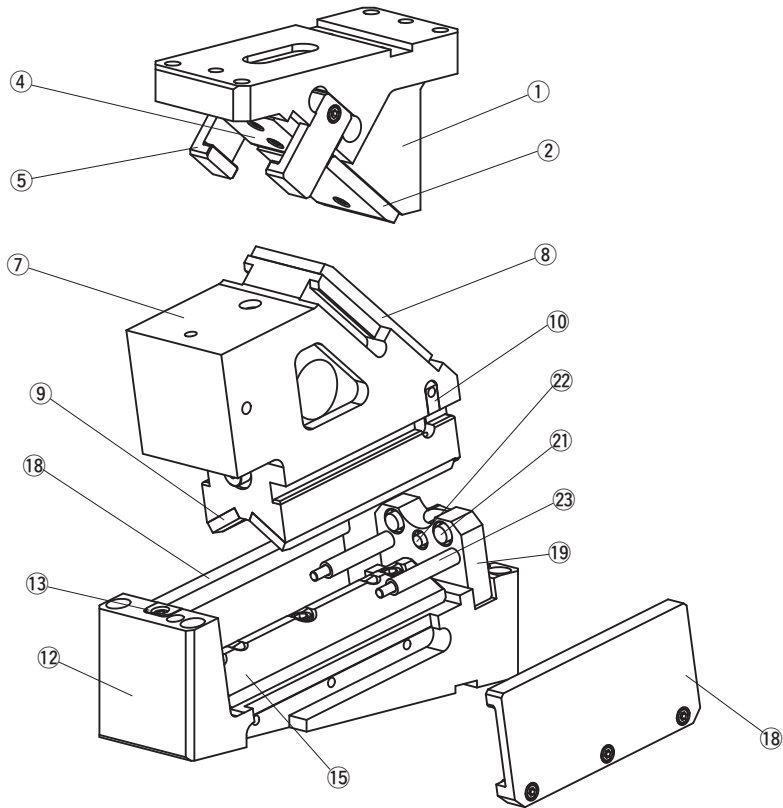
Working Angle 05°~20°



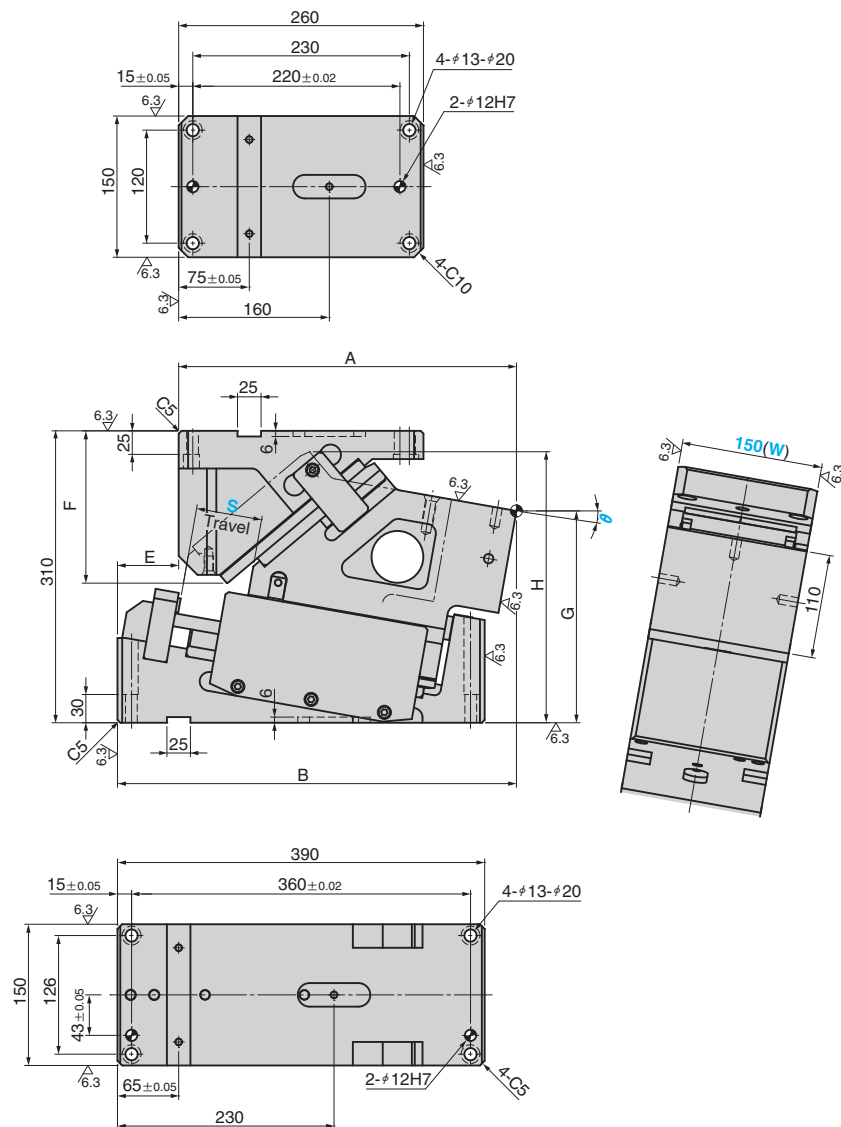
Working Angle	J
00°	111
05°	109
10°	105
15°	101
20°	94

Table of Components

No.	Description	Qty	Material and Remark	No.	Description	Qty	Material and Remark
①	Cam Driver	1	GGG60(FCD600)	⑬	Spring Block	1	S45C HRC55~
②	Slide Plate	1	Bronze With Graphite(VSM-32-SP2)	⑮	Cam Slide Guide(Lower)	1	S45C HRC55~
④	Slide Plate	1	Bronze With Graphite(VSM-31-SP2)	⑰	Keeper Plate	2	S45C HRC28~
⑤	Cam Positive Return	2	S45C HRC28~	⑲	Cam Slider Stopper	1	S45C
⑦	Cam Slider	1	GGG60(FCD600)	⑳	Stopper	2	Urethane
⑧	Slide Plate	1	SCM440(VSM-64-ST01)	㉑	Stopper	1	Urethane
⑨	Slide Plate	2	Bronze With Graphite(VSM-20-SP2)	㉒	Lock Spacer	2	SS400
⑩	Spring Stopper	2	S45C	㉓	Gas Spring	1	Refer to the Spring Specification Table.
⑫	Cam Holder	1	GGG60(FCD600)				



SVSC150 (00°~20°)



θ	A	B	E	F	G	H
00	355.00	390.00	35	189.0	250.00	273.7
05	362.59	407.59	45	175.8	237.48	280.9
10	358.74	423.74	65	161.7	224.96	287.8
15	364.37	434.37	70	147.1	212.49	294.2
20	364.40	444.40	80	132.0	200.13	300.2

kN(tonf)	Cam Slider Weight kg	Total Weight kg	Catalog No.	(W)	θ	Travel S	Spring Type PS
Standard Working Force (one million strokes)							
		99.4			00		
		100.3			05		
166.7 (17.0)	40.8	100.7	SVSC	150	10	70	GK GD NGP
		103.2			15		GS
		105.9			20		



Order

Catalog No. (W) – θ – S – PS
SVSC 150 – 10 – 70 – GK

* Without gas spring but accessories for installation are included.

■ Spring Specification(Qty 1)

Gas Spring(Standard)			
Spring Type PS	Spring Force N(kgf)		Model
	Initial Force	Final Force	
GK		12000 (1224.5)	TU750-080(KALLER)
GD	—	11200 (1142.9)	90.10.00750.080(DADCO)
GS		12000 (1224.5)	SGF.750.80(SDT)

* Power gas spring available. Please contact us for details.



Option

Option Code	Specification
K	Dedicated key is attached. (It is not assembled to the main unit)
NF	Nitrogen gas is not charged. Applicable to GK,GS and GD only.
V	Gas Spring is changed to Power type

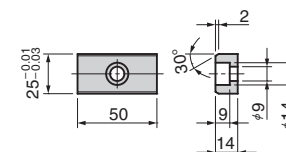


Order

SVSC150-10-70-GK-NF-K
SVSC150-10-70-GK-V

■Key Specification(Optional)

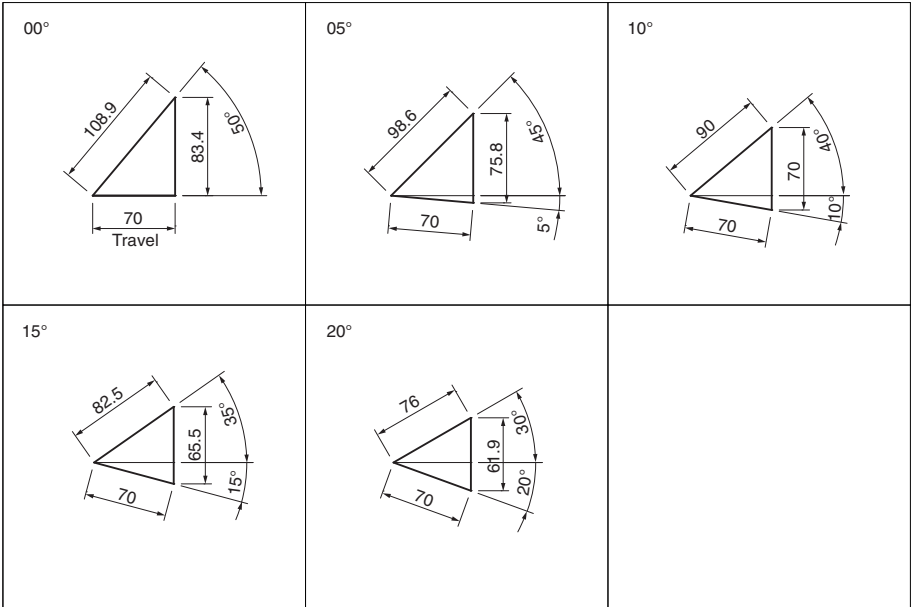
(Qty 6 with M8×15 bolt)



Die Mounted Cam Unit

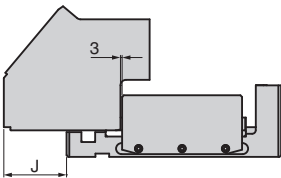
VDI-BAK STANDARD

Cam Diagram

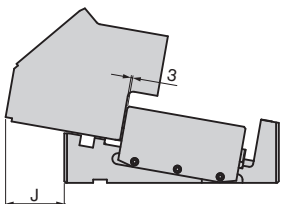


Required space for removing

Working Angle 00°



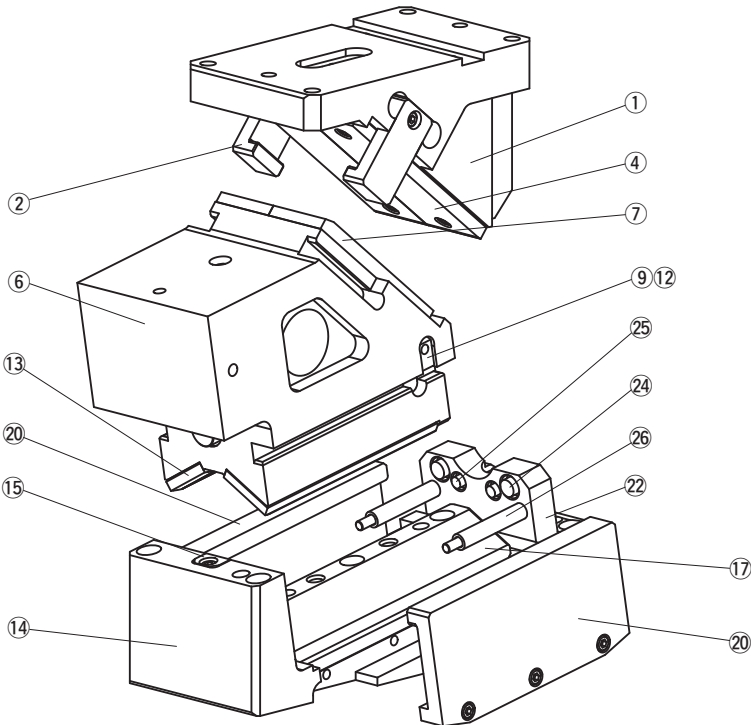
Working Angle 05°~20°



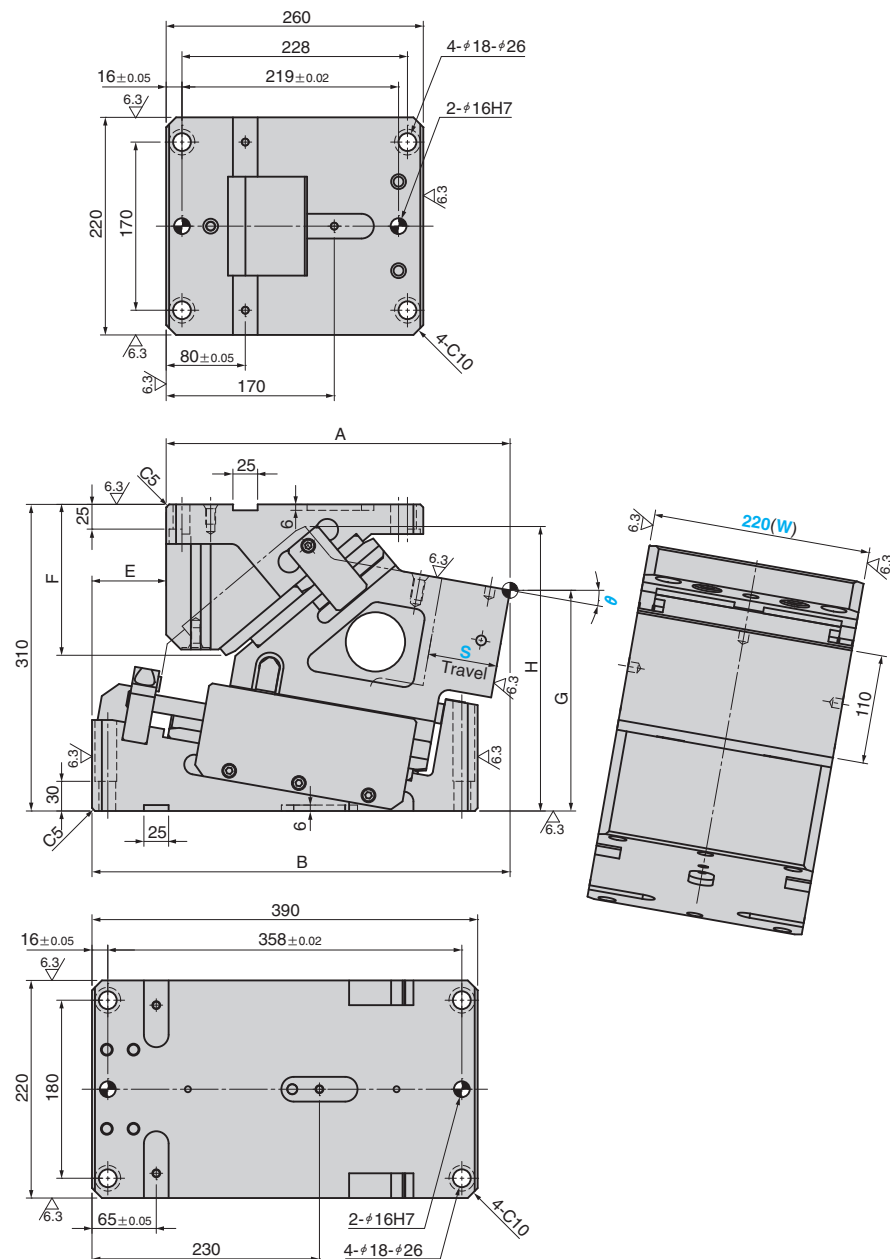
Working Angle	J
00°	114
05°	111.6
10°	106.6
15°	103.2
20°	96.2

Table of Components

No.	Description	Qty	Material and Remark	No.	Description	Qty	Material and Remark
①	Cam Driver	1	GGG60(FCD600)	⑮	Spring Block	1	S45C HRC55~
②	Cam Positive Return	2	S45C HRC28~	⑰	Cam Slide Guide(Lower)	1	S45C HRC55~
④	Slide Plate	2	Bronze With Graphite(VSM-30-SP2)	⑳	Keeper Plate	2	S45C HRC28~
⑥	Cam Slider	1	GGG60(FCD600)	㉒	Cam Slider Stopper	1	S45C
⑦	Slide Plate	2	SCM440(VSM-59-ST01)	㉔	Stopper	2	Urethane
⑨	Spring Stopper	1	S45C (LH)	㉕	Stopper	2	Urethane
⑫	Spring Stopper	1	S45C (RH)	㉖	Lock Spacer	2	SS400
⑬	Slide Plate	2	Bronze With Graphite(VSM-25-SP2)	㉘	Gas Spring	1	Refer to the Spring Specification Table.
⑭	Cam Holder	1	GGG60(FCD600)				



SVSC220 (00°~20°)



θ	A	B	E	F	G	H
00	355.00	390.00	35	177.6	247.00	274.5
05	356.59	406.59	50	165.9	234.56	280.7
10	347.76	422.76	75	152.6	223.13	287.6
15	348.41	433.41	85	138.6	211.75	294.1
20	346.46	443.46	97	124.3	200.47	300.0

kN(tonf)	Cam Slider Weight kg	Total Weight kg	Catalog No.	(W)	θ	Travel S	Spring Type PS
Standard Working Force (one million strokes)							
		139			00		
		140			05		
245.2 (25.0)	60.3	141	SVSC	220	10	70	GK GD NGP
		145			15		GS
		150			20		



Order

Catalog No. (W) – θ – S – PS
SVSC 220 – 10 – 70 – GK

* Without gas spring but accessories for installation are included.

■ Spring Specification(Qty 2)

Gas Spring(Standard)			
Spring Type PS	Spring Force N(kgf)		Model
	Initial Force	Final Force	
GK		13400 (1367.3)	TU500-080(KALLER)
GD	—	12200 (1244.9)	90.10.00500.080(DADCO)
GS		13200 (1346.9)	SGF.500.80(SDT)

Gas Spring(Power option "V")			
Spring Type PS	Spring Force N(kgf)		Model
	Initial Force	Final Force	
GK		23800 (2428.6)	X750-080(KALLER)
GD	—	22720 (2318.4)	U.0800.080(DADCO)
GS		24300 (2479.6)	SFC.750.80(SDT)

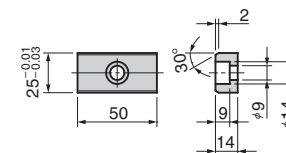
* Power gas spring available. Please contact us for details.



Option

Option Code	Specification
K	Dedicated key is attached. (It is not assembled to the main unit)
NF	Nitrogen gas is not charged. Applicable to GK,GS and GD only.
V	Gas Spring is changed to Power type

■ **Key Specification(Optional)**
(Qty 6 with M8×15 bolt)



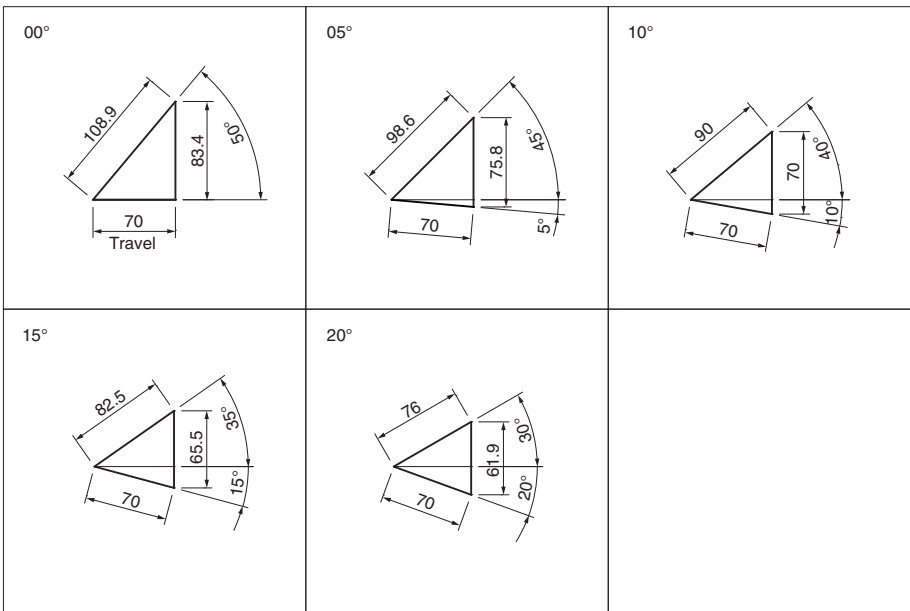
Order

SVSC220-10-70-GK-NF-K
SVSC220-10-70-GK-V

Die Mounted Cam Unit

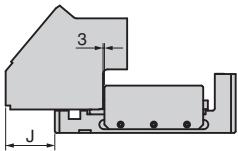
VDI-BAK STANDARD

Cam Diagram

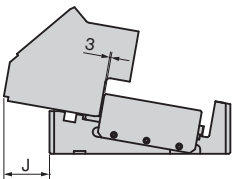


Required space for removing

Working Angle 00°



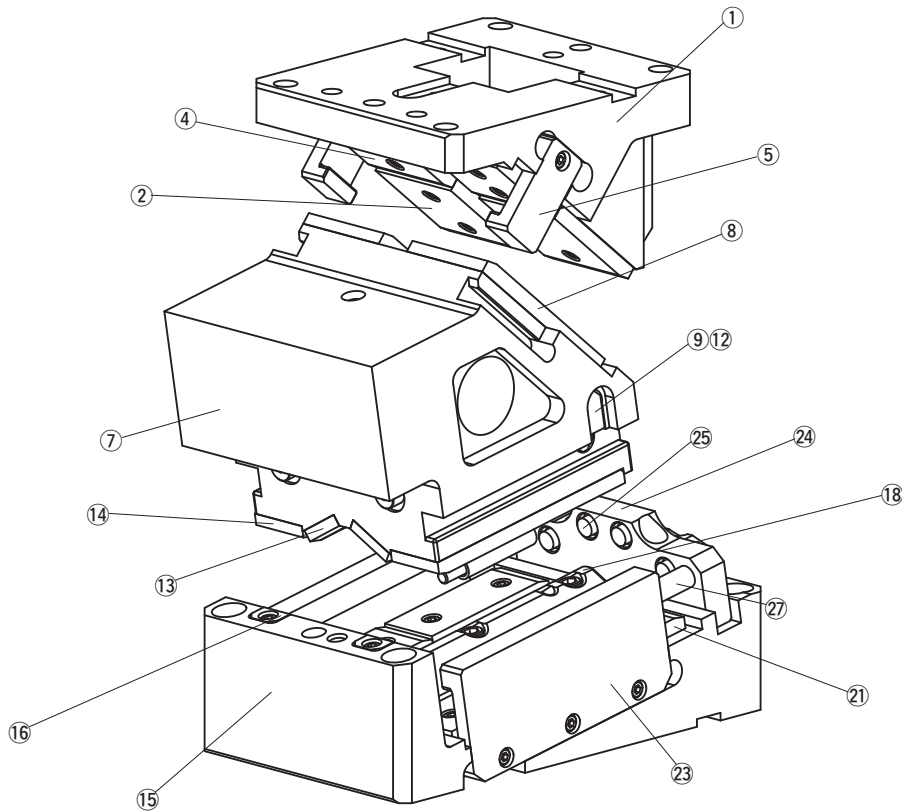
Working Angle 05°~20°



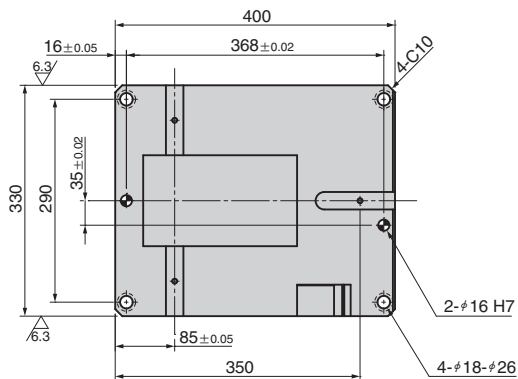
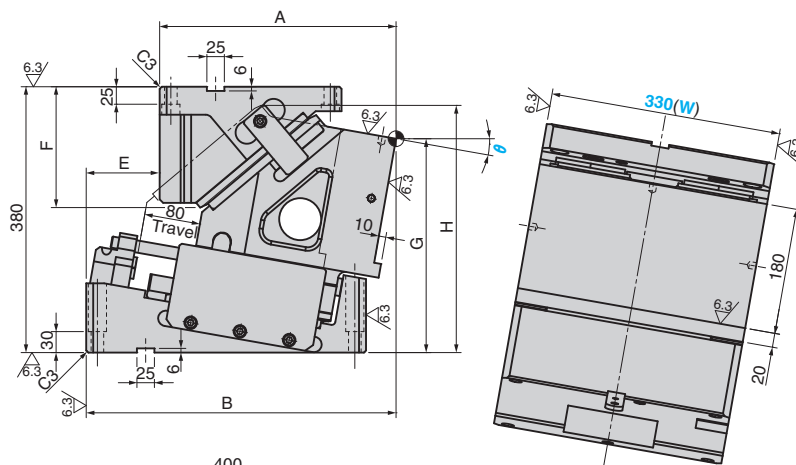
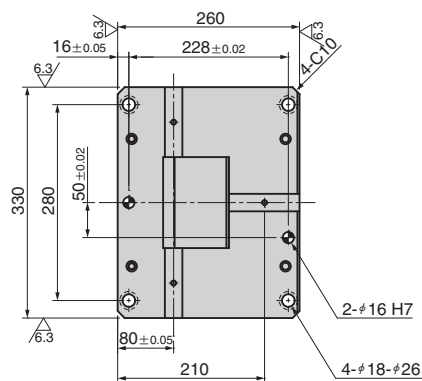
Working Angle	J
00°	106
05°	104
10°	98
15°	94
20°	87

Table of Components

No.	Description	Qty	Material and Remark	No.	Description	Qty	Material and Remark
①	Cam Driver	1	GGG60(FCD600)	⑮	Cam Holder	1	GGG60(FCD600)
②	Slide Plate	2	Bronze With Graphite(VSM-32-SP2)	⑯	Spring Block	2	S45C HRC55~
④	Slide Plate	2	Bronze With Graphite(VSM-31-SP2)	⑰	Cam Slide Guide(Lower)	1	S45C HRC55~
⑤	Cam Positive Return	2	S45C HRC28~	⑳	Slide Plate	4	SCM440(VSM-53-ST01)
⑦	Cam Slider	1	GGG60(FCD600)	㉑	Keeper Plate	2	S45C HRC28~
⑧	Slide Plate	2	SCM440(VSM-64-ST01)	㉒	Cam Slider Stopper	1	S45C
⑨	Spring Stopper	1	S45C (LH)	㉓	Stopper	4	Urethane
⑫	Spring Stopper	1	S45C (RH)	㉔	Lock Spacer	2	SS400
⑬	Slide Plate	2	Bronze With Graphite(VSM-20-SP2)	㉕	Gas Spring	2	Refer to the Spring Specification Table.
⑭	Slide Plate	2	Bronze With Graphite(VSM-25-SP2)				



SVSC330 (00°~20°)



θ	A	B	E	F	G	H
00	335.00	400.00	65	195.5	326.00	339.4
05	334.20	424.20	90	185.8	316.67	347.3
10	337.94	442.94	105	172.7	305.68	353.3
15	336.09	461.09	125	161.5	292.08	356.4
20	333.52	478.52	145	145.4	282.93	363.4

kN(tonf)	Cam Slider Weight kg	Total Weight kg	Catalog No.	(W)	θ	Travel S	Spring Type PS
Standard Working Force (one million strokes)							
		251			00		
					05		
343.2 (35.0)	117	253	SVSC	330	10	80	GK GD NGP* GS
		262			15		
					20		



Order

Catalog No. (W) - θ - S - PS
SVSC 330 - 10 - 80 - GK

* Without gas spring but accessories for installation are included.

Spring Specification(Qty 2)

Gas Spring(Standard)				Gas Spring(Power option "V")			
Spring Type PS	Spring Force N(kgf)	Model		Spring Type PS	Spring Force N(kgf)	Model	
	Initial Force	Final Force			Initial Force	Final Force	
GK		22000 (2244.9)	K750-100(KALLER)	GK		29600 (3020.4)	X1000-100(KALLER)
GD	-	22000 (2244.9)	90.3.00750.100(DADCO)	GD	-	34000 (3469.4)	U.1000.100(DADCO)
GS		24500 (2500.0)	SM.750.100(SDT)	GS		35200 (3591.8)	SFC.1000.100(SDT)

* Power gas spring available. Please contact us for details.



Option

Option Code	Specification
K	Dedicated key is attached. (It is not assembled to the main unit)
NF	Nitrogen gas is not charged. Applicable to GK,GS and GD only.
V	Gas Spring is changed to Power type.

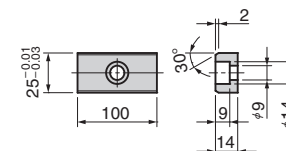


Order

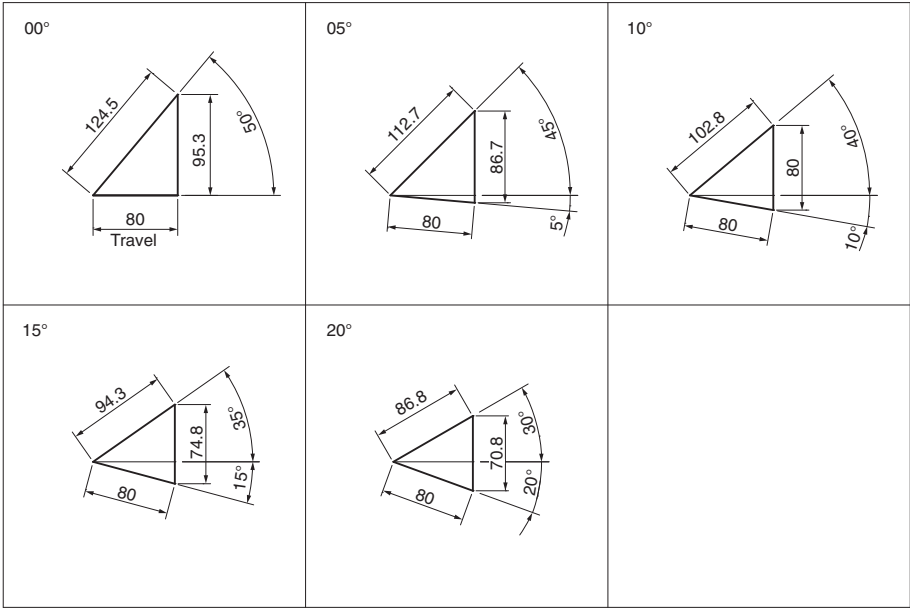
SVSC330 - 10 - 80 - GK - NF
SVSC330 - 10 - 80 - GK - V - K

Key Specification(Option)

(Qty 6 with M8×15 bolt)

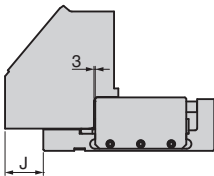


Cam Diagram

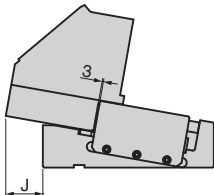


Required space for removing

Working Angle 00°



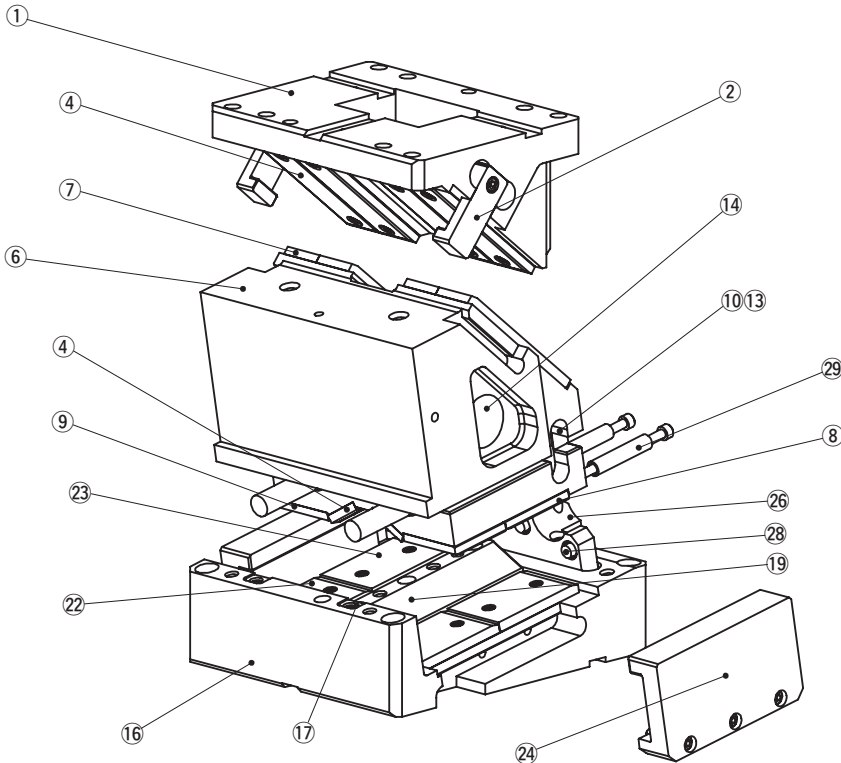
Working Angle 05°~20°



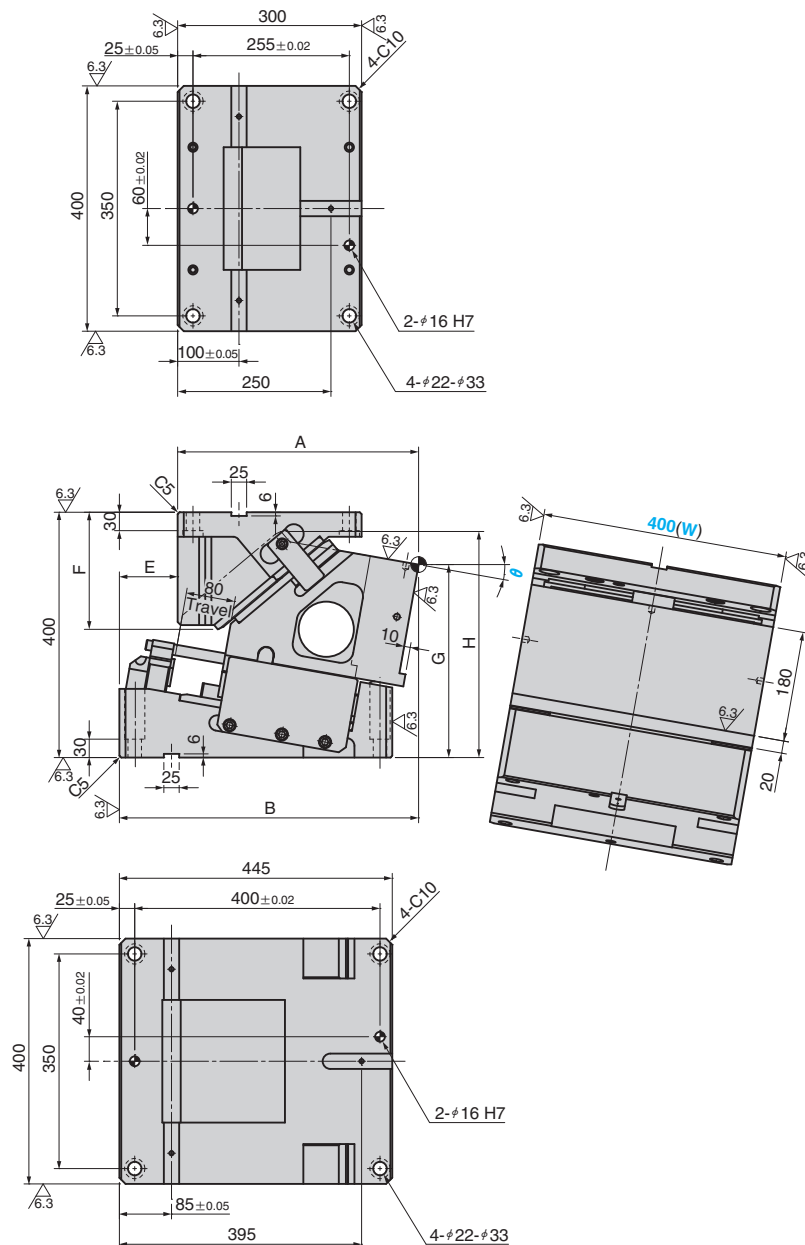
Working Angle	J
00°	89.5
05°	87.3
10°	86.7
15°	82.6
20°	75.2

Table of Components

No.	Description	Qty	Material and Remark	No.	Description	Qty	Material and Remark
①	Cam Driver	1	GGG60(FCD600)	⑩	Spring Stopper	1	S45C (LH)
②	Cam Positive Return	2	S45C HRC28~	⑪	Spring Stopper	1	S45C (RH)
④	Slide Plate	6	Bronze With Graphite(VSM-25-SP2)	⑬	Spring Stopper	1	S45C (RH)
⑥	Cam Slider	1	GGG60(FCD600)	⑭	Stopper	1	Urethane(φ30×30)
⑦	Slide Plate	4	SCM440(VSM-55-ST01)	⑮	Cam Holder	1	GGG60(FCD600)
⑧	Slide Plate	2	Bronze With Graphite(VSM-32-SP2)	⑯	Spring Block	2	S45C HRC55~
⑨	Slide Plate	2	Bronze With Graphite(VSM-31-SP2)	⑰	Cam Slide Guide(Lower)	1	S45C HRC55~
⑩	Spring Stopper	1	S45C (LH)	⑲	Cam Slide Guide(Lower)	1	S45C HRC55~
⑬	Spring Stopper	1	S45C (RH)	⑳	Slide Plate	2	SCM440(VSM-63-ST01)
⑭	Stopper	1	Urethane(φ30×30)	㉑	Slide Plate	2	SCM440(VSM-62-ST01)
				㉒	Keeper Plate	2	S45C HRC28~
				㉓	Cam Slider Stopper	1	S45C
				㉔	Stopper	4	Urethane
				㉕	Lock Spacer	2	SS400
				㉖	Gas Spring	2	Refer to the Spring Specification Table.



SVSC400 (00°~20°)



θ	A	B	E	F	G	H
00	395.00	445.00	50	219.9	341.00	355.2
05	394.20	469.20	75	208.1	325.67	359.9
10	392.94	487.94	95	190.9	314.68	368.6
15	391.09	501.09	110	174.6	302.08	375.4
20	393.52	518.52	125	164.2	282.93	375.0

kN(tonf)	Cam Slider Weight kg	Total Weight kg	Catalog No.	(W)	θ	Travel S	Spring Type PS
Standard Working Force (one million strokes)							
		345			00		
		341			05		
431.5 (44.0)	151	348	SVSC	400	10	80	GK GD NGP*
		355			15		GS
		366			20		



Order

Catalog No. (W) - θ - S - PS
SVSC 400 - 10 - 80 - GK

* Without gas spring but accessories for installation are included.

Spring Specification(Qty 2)

Gas Spring(Standard)				Gas Spring(Power option "V")			
Spring Type PS	Spring Force N(kgf)		Model	Spring Type PS	Spring Force N(kgf)		Model
	Initial Force	Final Force			Initial Force	Final Force	
GK		22000 (2244.9)	K750-100(KALLER)	GK		29600 (3020.4)	X1000-100(KALLER)
GD	-	22000 (2244.9)	90.3.00750.100(DADCO)	GD	-	34000 (3469.4)	U.1000.100(DADCO)
GS		24500 (2500.0)	SM.750.100(SDT)	GS		35200 (3591.8)	SFC.1000.100(SDT)

* Power gas spring available. Please contact us for details.



Option

Option Code	Specification
K	Dedicated key is attached. (It is not assembled to the main unit)
NF	Nitrogen gas is not charged. Applicable to GK,GS and GD only.
V	Gas Spring is changed to Power type.

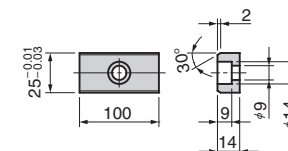


Order

SVSC400 - 10 - 80 - GK - NF
SVSC400 - 10 - 80 - GK - V - K

Key Specification(Option)

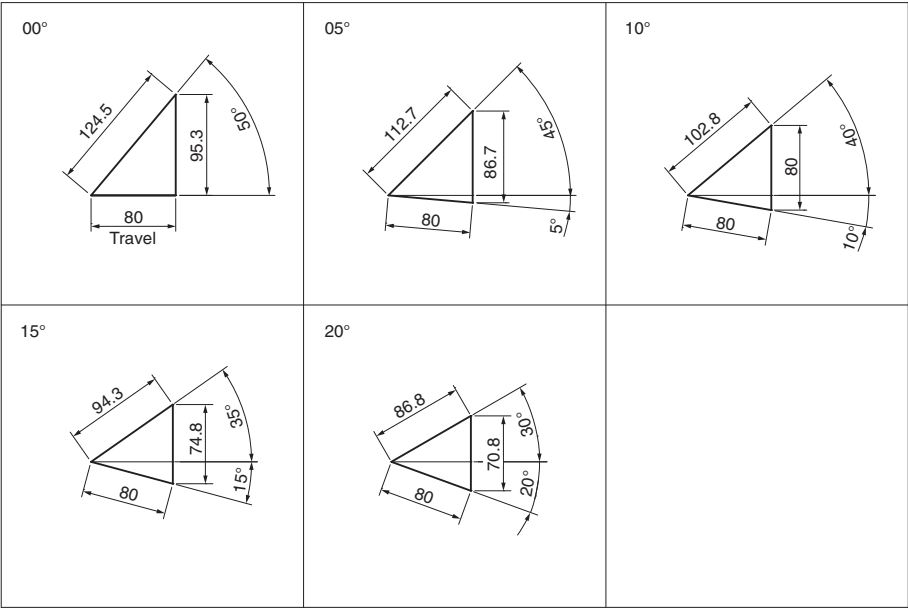
(Qty 6 with M8×15 bolt)



Die Mounted Cam Unit

VDI-BAK STANDARD

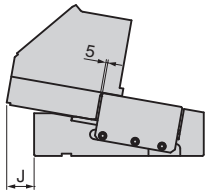
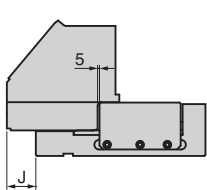
Cam Diagram



Required space for removing

Working Angle 00°

Working Angle 05°~20°



Working Angle	J
00°	76.0
05°	73.3
10°	71.9
15°	71.8
20°	63.1

Table of Components

No.	Description	Qty	Material and Remark	No.	Description	Qty	Material and Remark
①	Cam Driver	1	GGG60(FCD600)	⑪	Slide Plate	2	Bronze With Graphite(VSM-22-SP2)
②	Cam Positive Return	2	S45C HRC28~	⑫	Cam Holder	1	GGG60(FCD600)
④	Slide Plate	4	Bronze With Graphite(VSM-33-SP2)	⑬	Spring Block	2	S45C HRC55~
⑥	Slide Plate	4	Bronze With Graphite(VSM-32-SP2)	⑭	Cam Slide Guide(Lower)	1	S45C HRC55~
⑦	Slide Plate	2	Bronze With Graphite(VSM-28-SP2)	⑮	Slide Plate	2	SCM440(VSM-64-ST01)
⑧	Slide Plate	2	Bronze With Graphite(VSM-27-SP2)	⑯	Slide Plate	2	SCM440(VSM-63-ST01)
⑨	Cam Slider	1	GGG60(FCD600)	⑰	Keeper Plate	1	S45C HRC28~ (L)
⑩	Slide Plate	2	SCM440(VSM-65-ST01)	⑱	Keeper Plate	1	S45C HRC28~ (R)
⑪	Slide Plate	2	SCM440(VSM-60-ST01)	⑲	Cam Slider Stopper	1	S45C
⑫	Spring Stopper	1	S45C (LH)	⑳	Stopper	4	Urethane
⑮	Spring Stopper	1	S45C (RH)	㉑	Lock Spacer	2	SS400
⑯	Slide Plate	2	Bronze With Graphite(VSM-23-SP2)	㉒	Gas Spring	2	Refer to the Spring Specification Table.

