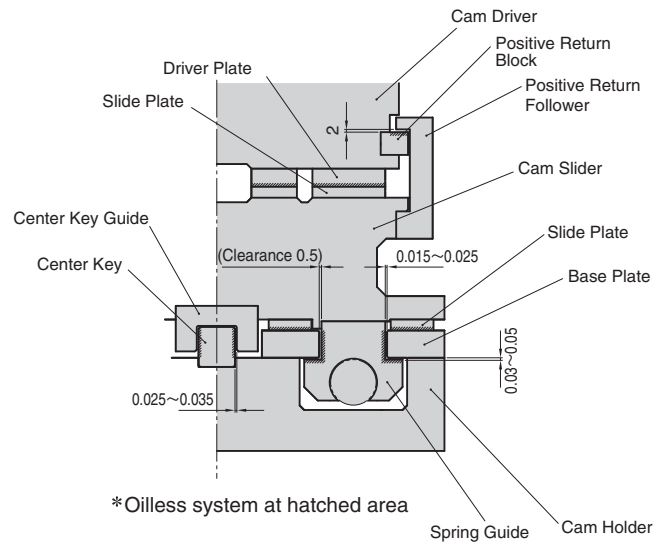


- 500 to 1000 (at increments of 100 mm) are available for the mount width.
- Available angles is 0°, 5°, 10°, 15° and 20°.
- Gas spring can be installed for returning Cam Slider.
- Spring can be removed from back without disassembling of Cam.

⚠ Up to 1600mm width can be supplied.  
Please contact sales representative.

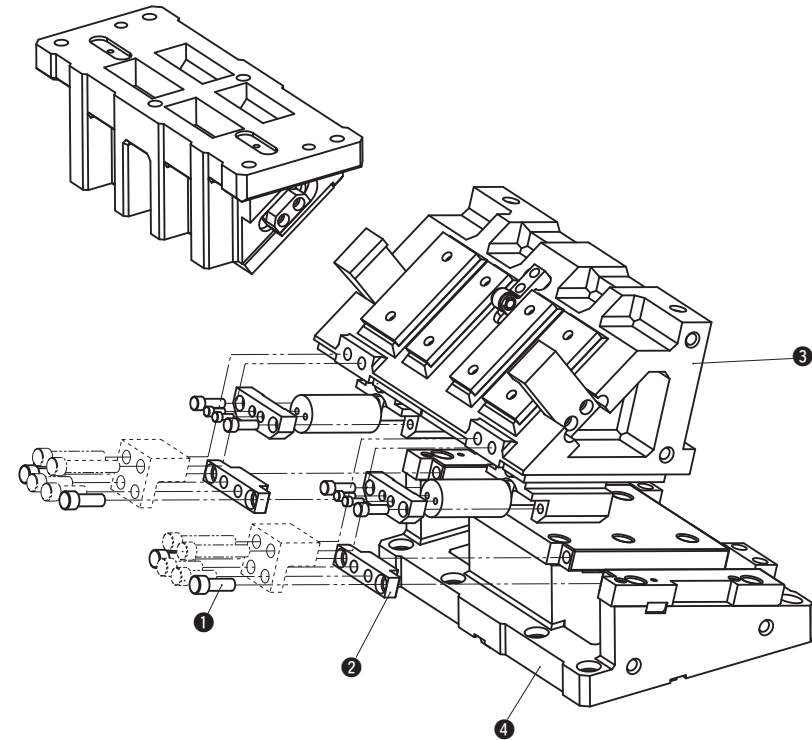
### Slide Structure and Positive Return Structure



- Sliding system by Box Guide, Clearance between Cam Slider and Cam Holder is 0.015~0.025 on one side.

⚠ Nitrogen gas is not filled in case of air delivery  
(Option Code : -NF)

### KCMSL Structure and Assembly / Disassembly



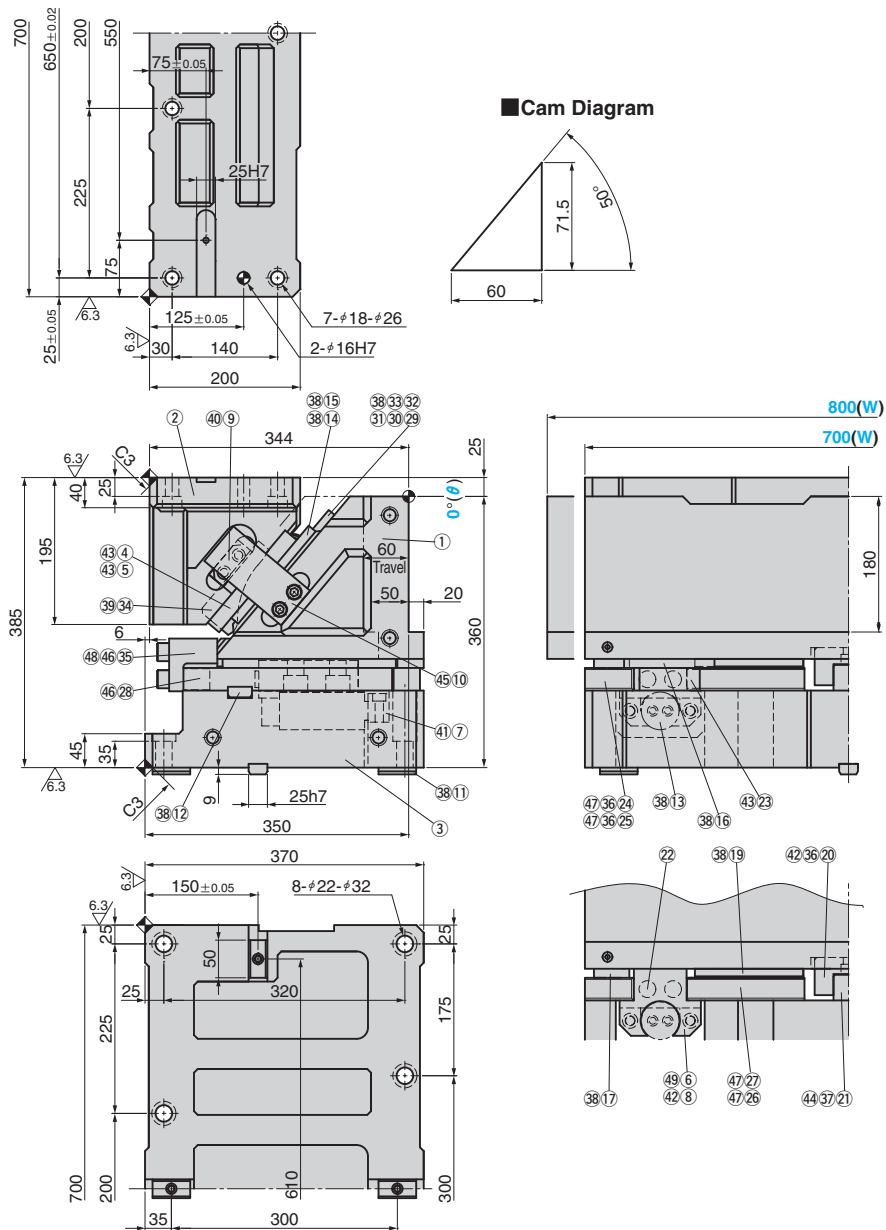
#### Disassembly Method of KCMSL

- 1) Loosen hexagon socket head bolt (1) and remove stopper plate (2).
- 2) Pull and remove cam slider (3) from cam holder (4).

#### Assembly Method of KCMSL

- 1) Assemble components in the reverse order of disassembly.
  - Make sure that there is no foreign matter on the sliding area and assemble components.
  - The clearance between the cam slider and the cam holder is controlled. Match the stamped serial number on the holder and slider before assembly.
  - When cam is disassembled and then reassembled, please do not forget to assemble all bolts provided

KCMSL700-00 / KCMSL800-00



Travel S	Working Force kN(tonf)	Spring Force kN(tonf)		Catalog No.	(W)	(θ)	Spring Type G
		Initial Load	Final Load				
60.0	470.4 (48.0)	0.0 (0.0)	29.4 (3.0)	KCMSL	700 800	00	GK
		-	-				NGK*

\* If springs are not required, specify NGK by putting N at the top of spring type GK. Parts for spring installation are accompanied.



Order

Catalog No.	(W)	(θ)	G
KCMSL	700	00	GK
KCMSL	800	00	NGK

.....Without gas spring



Option

Option Code	Specification
NF	Nitrogen gas is not charged. Applicable to GK only.



Order

KCMSL500-00-GK-NF

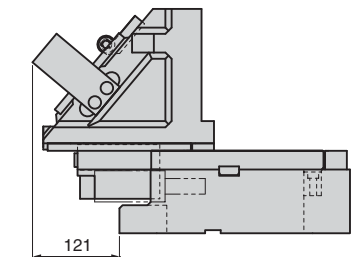
Spring Specification

No.	Type	Model	Remark
13	GK	K750-80	by KALLER

Weight(kg)

(W)	Slider Weight	Total Weight
700	197.0	436
800	205.4	446

Space for removing



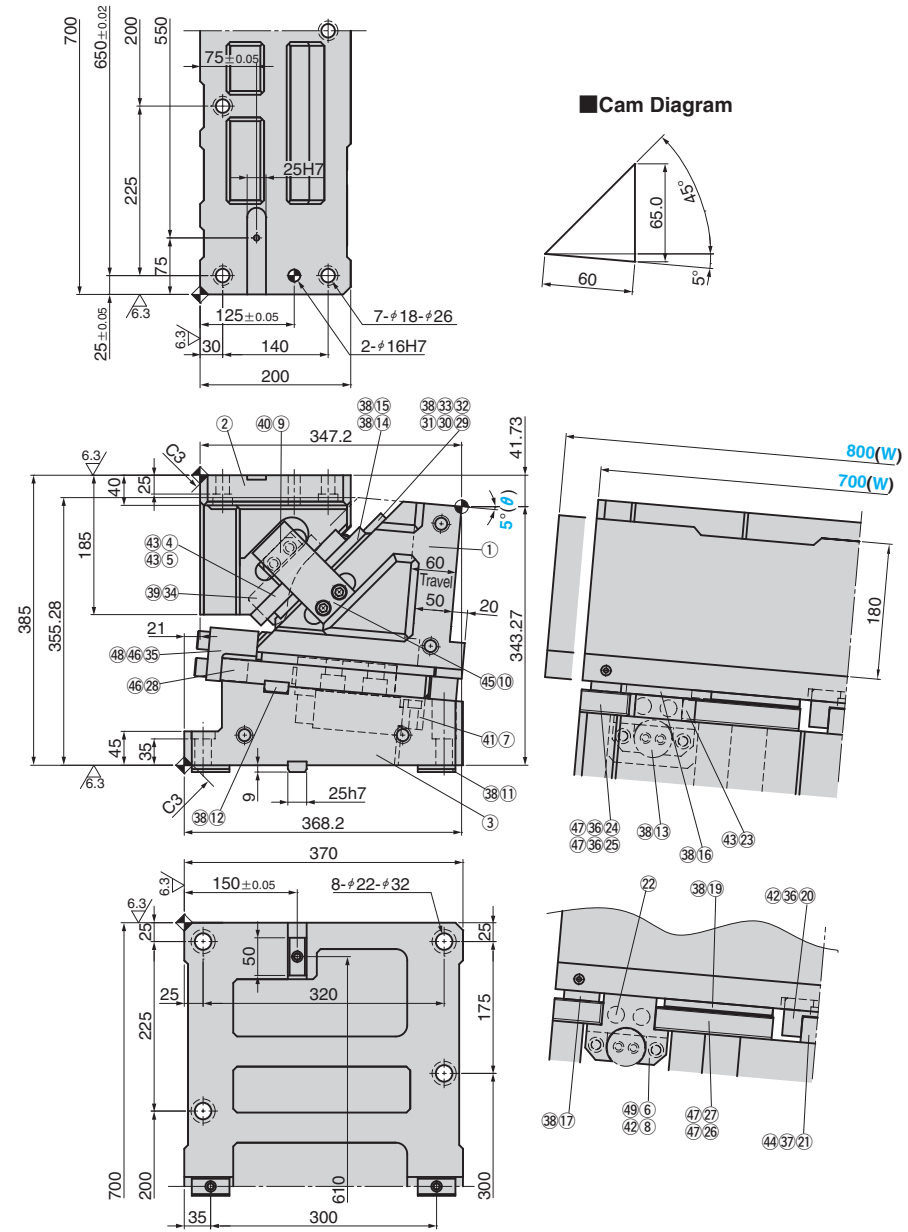
Refer to page 1771 for the table of components.

# Die Mounted Cam Unit

LARGE TYPE FOR PIERCE AND FLANGE

Addition CAD FILE

KCMSL700-05 / KCMSL800-05



Travel S	Working Force kN(tonf)	Spring Force kN(tonf)		Catalog No.	(W)	(θ)	Spring Type G
		Initial Load	Final Load				
60.0	470.4 (48.0)	0.0 (0.0)	29.4 (3.0)	KCMSL	700 800	05	GK
		-	-				NGK*

\* If springs are not required, specify NGK by putting N at the top of spring type GK. Parts for spring installation are accompanied.



Order

Catalog No.	(W)	(θ)	G
KCMSL	700	05	GK
KCMSL	800	05	NGK

.....Without gas spring



Option

Option Code	Specification
NF	Nitrogen gas is not charged. Applicable to GK only.



Order

KCMSL700-05-GK-NF

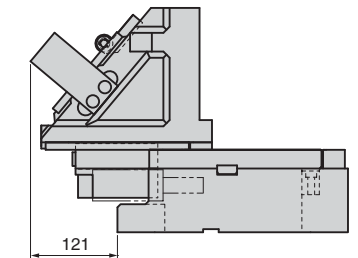
### Spring Specification

No.	Type	Model	Remark
13	GK	K750-80	by KALLER

### Weight(kg)

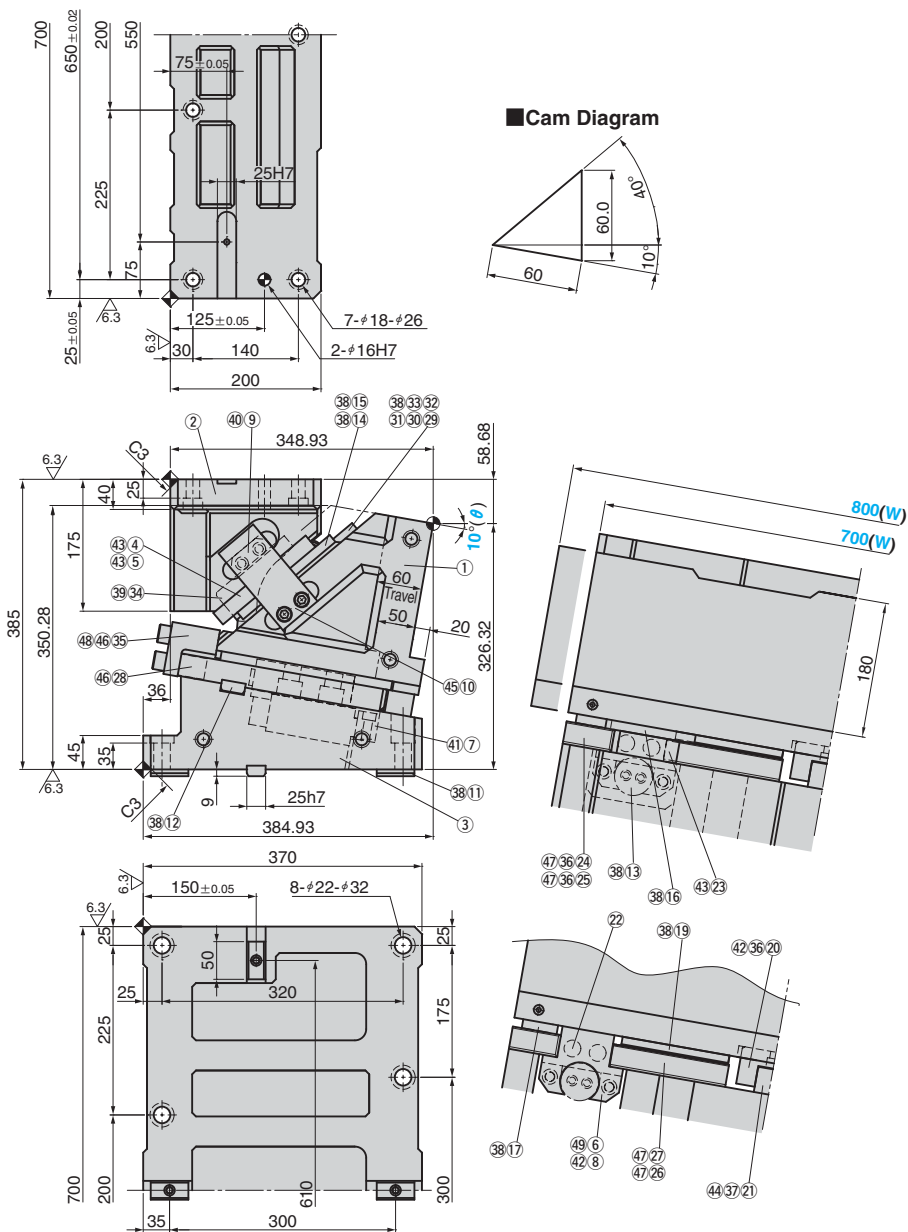
(W)	Slider Weight	Total Weight
700	197.0	429
800	205.4	438

### Space for removing



Refer to page 1771 for the table of components.

KCMSL700-10 / KCMSL800-10



Travel S	Working Force kN(tonf)	Spring Force kN(tonf)		Catalog No.	(W)	(θ)	Spring Type
		Initial Load	Final Load				G
60.0	470.4 (48.0)	0.0 (0.0)	29.4 (3.0)	KCMSL	700 800	10	GK
		-	-				NGK*

\* If springs are not required, specify NGK by putting N at the top of spring type GK. Parts for spring installation are accompanied.



Order

Catalog No.	(W)	(θ)	G
KCMSL	700	10	GK
KCMSL	800	10	NGK

.....Without gas spring



Option

Option Code	Specification
NF	Nitrogen gas is not charged. Applicable to GK only.



Order

KCMSL700-10-GK-NF

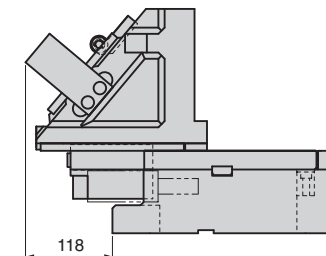
Spring Specification

No.	Type	Model	Remark
13	GK	K750-80	by KALLER

Weight(kg)

(W)	Slider Weight	Total Weight
700	197.0	421
800	205.4	430

Space for removing



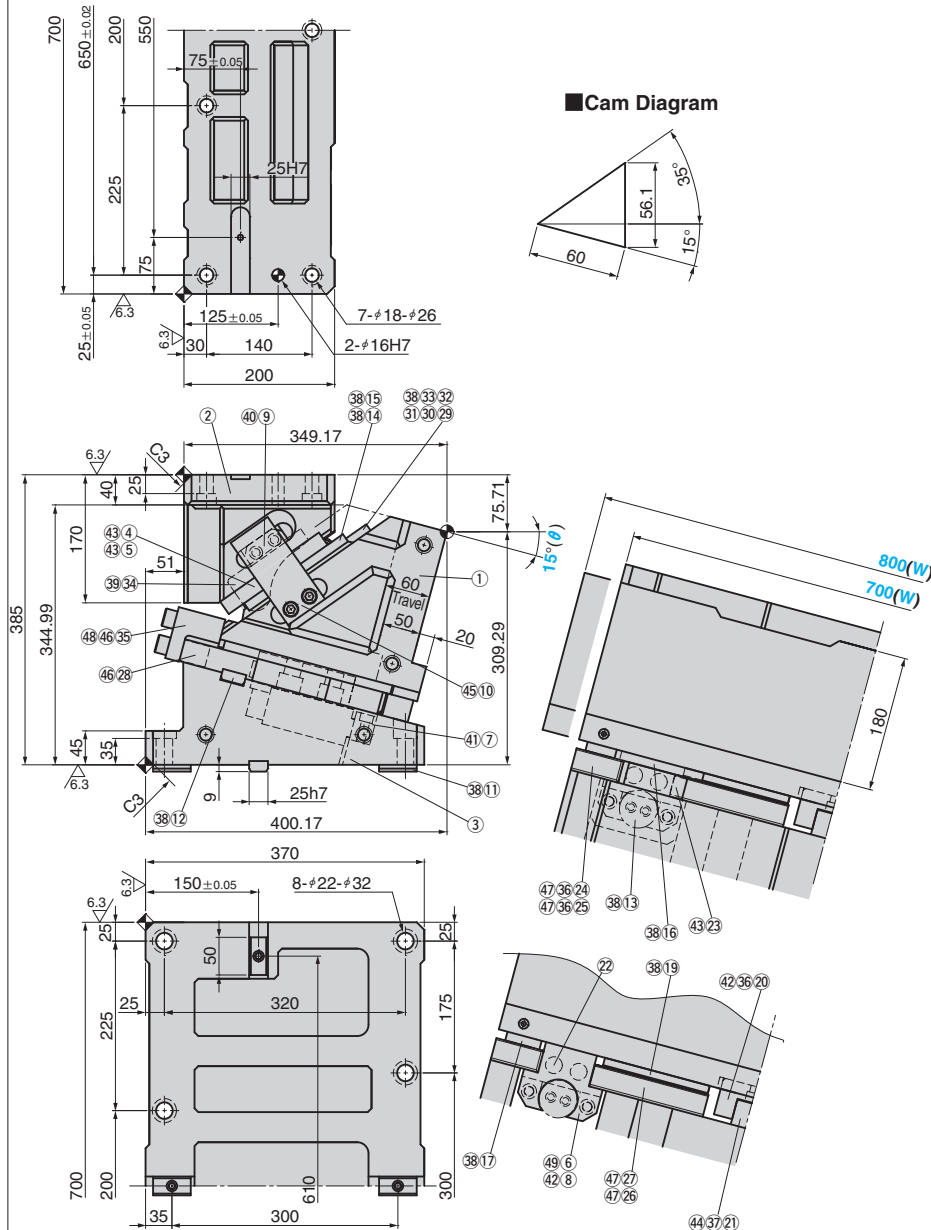
Refer to page 1771 for the table of components.

# Die Mounted Cam Unit

LARGE TYPE FOR PIERCE AND FLANGE

Addition CAD FILE

KCMSL700-15 / KCMSL800-15



Travel S	Working Force kN(tonf)	Spring Force kN(tonf)		Catalog No.	(W)	(θ)	Spring Type G
		Initial Load	Final Load				
60.0	470.4 (48.0)	0.0 (0.0)	29.4 (3.0)	KCMSL	700 800	15	GK
		-	-				NGK*

\* If springs are not required, specify NGK by putting N at the top of spring type GK. Parts for spring installation are accompanied.



Order

Catalog No.	(W)	(θ)	G
KCMSL 700	700	15	GK
KCMSL 800	800	15	NGK

.....Without gas spring



Option

Option Code	Specification
NF	Nitrogen gas is not charged. Applicable to GK only.



Order

KCMSL700-15-GK-NF

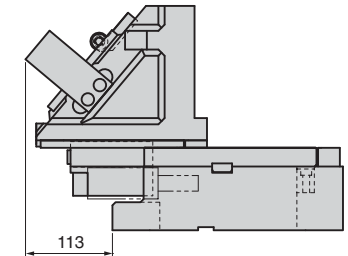
### Spring Specification

No.	Type	Model	Remark
13	GK	K750-80	by KALLER

### Weight(kg)

(W)	Slider Weight	Total Weight
700	197.0	415
800	205.4	424

### Space for removing



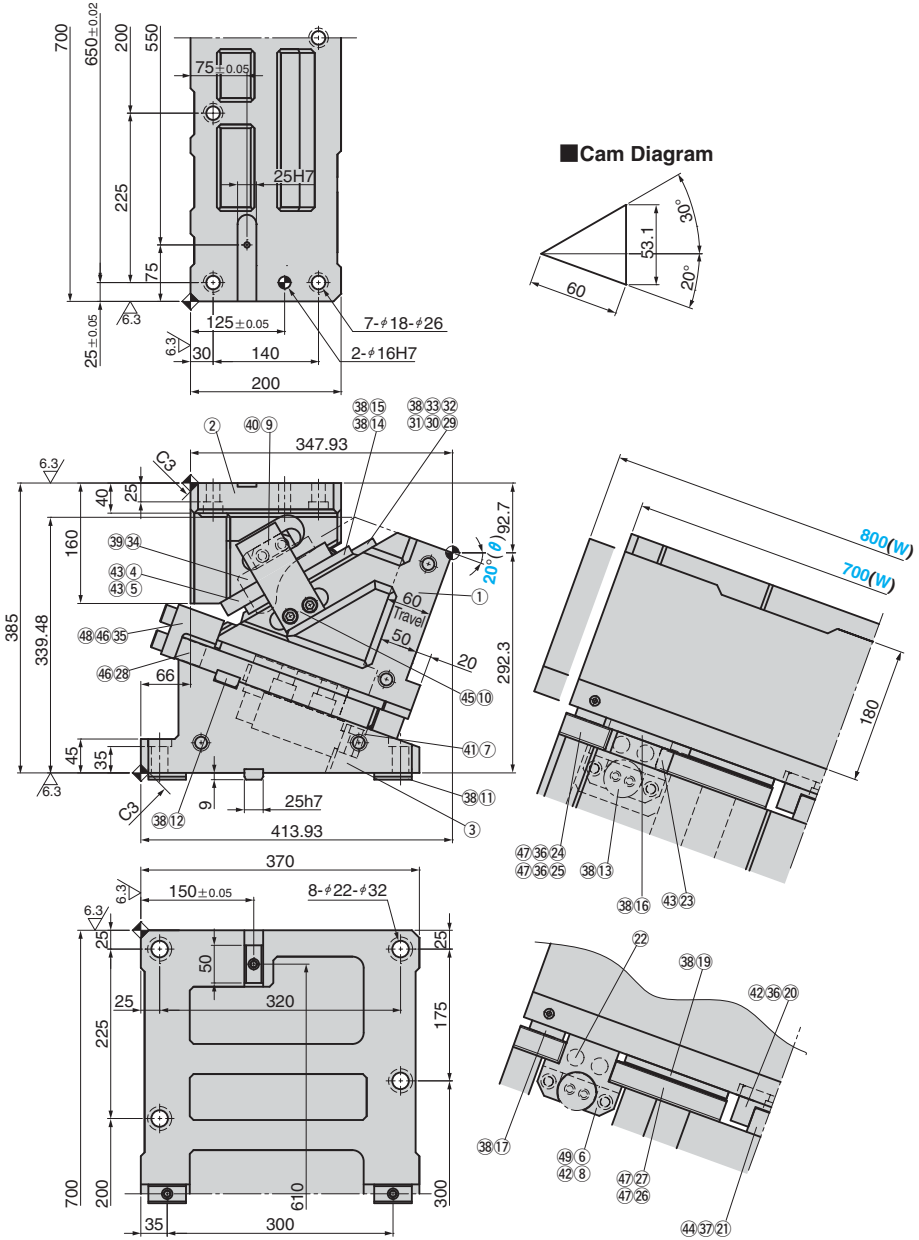
Refer to page 1771 for the table of components.

# Die Mounted Cam Unit

LARGE TYPE FOR PIERCE AND FLANGE

Addition CAD FILE

KCMSL700-20 / KCMSL800-20



Travel S	Working Force kN(tonf)	Spring Force kN(tonf)		Catalog No.	(W)	(θ)	Spring Type G
		Initial Load	Final Load				
60.0	470.4 (48.0)	0.0 (0.0)	29.4 (3.0)	KCMSL	700 800	20	GK
		-	-				NGK*

\* If springs are not required, specify NGK by putting N at the top of spring type GK. Parts for spring installation are accompanied.

Order

Catalog No.	(W)	(θ)	G
KCMSL	700	20	GK
KCMSL	800	20	NGK

.....Without gas spring

Option

Option Code	Specification
NF	Nitrogen gas is not charged. Applicable to GK only.

Order KCMSL700-20-GK-NF

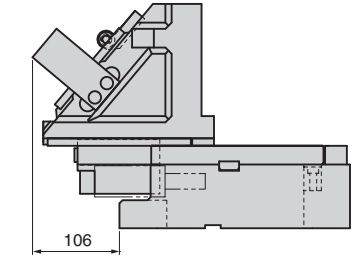
Spring Specification

No.	Type	Model	Remark
13	GK	K750-80	by KALLER

Weight(kg)

(W)	Slider Weight	Total Weight
700	197.0	410
800	205.4	418

Space for removing



Refer to page 1771 for the table of components.

■ Table of Components (KCMSL500/600)

No.	Description	Qty	Material and Remark
①	Cam Slider	1	FC250
②	Cam Driver	1	FC250
③	Cam Holder	1	FC250
④	Cam Driver Plate A	2	Bronze with Graphite(SO#50 SP2)
⑤	Cam Driver Plate B	2	Bronze with Graphite(SO#50 SP2)
⑥	Spring Guide	2	Bronze with Graphite(SO#50 SP2)
⑦	Guide Pin Block	2	Steel
⑧	Spring Guide Plate	2	Steel
⑨	Positive Return Block	2	Bronze with Graphite(SO#50 SP2)
⑩	Positive Return Follower	2	S45C (1045 Hardened)
⑪	Key A	4	Steel
⑫	Key B	4	Steel
⑬	Gas Spring	2	Refer to the spring type table.
⑭	Lower Plate A	2	S45C (1045 Hardened)
⑮	Lower Plate B	2	S45C (1045 Hardened)
⑯	Slide Lower Plate A	2	Bronze with Graphite(SO#50 SP2)
⑰	Slide Lower Plate B	4	Bronze with Graphite(SO#50 SP2)
⑱	Center Key Guide	1	S45C (1045 Hardened)
⑲	Center Key Guide	1	Bronze with Graphite(SO#50 SP2)
⑳	Stopper	4	Urethane
㉑	Base Plate A	2	S45C (1045 Hardened)
㉒	Base Plate B	1	S45C (1045 Hardened)
㉓	Base Plate C	1	S45C (1045 Hardened)

■ Table of Components (KCMSL700/800)

No.	Description	Qty	Material and Remark
①	Cam Slider	1	FC250
②	Cam Driver	1	FC250
③	Cam Holder	1	FC250
④	Cam Driver Plate A	2	Bronze with Graphite(SO#50 SP2)
⑤	Cam Driver Plate B	4	Bronze with Graphite(SO#50 SP2)
⑥	Spring Guide	2	Bronze with Graphite(SO#50 SP2)
⑦	Guide Pin Block	2	Steel
⑧	Spring Guide Plate	2	Steel
⑨	Positive Return Block	2	Bronze with Graphite(SO#50 SP2)
⑩	Positive Return Follower	2	S45C (1045 Hardened)
⑪	Key A	4	S45C (1045 Hardened)
⑫	Key B	6	Steel
⑬	Gas Spring	2	Refer to the spring type table.
⑭	Lower Plate A	2	S45C (1045 Hardened)
⑮	Lower Plate B	4	S45C (1045 Hardened)
⑯	Slide Lower Plate A	2	Bronze with Graphite(SO#50 SP2)
⑰	Slide Lower Plate B	2	Bronze with Graphite(SO#50 SP2)
⑱	Slide Lower Plate D	2	Bronze with Graphite(SO#50 SP2)
⑲	Center Key Guide	1	S45C (1045 Hardened)
㉑	Center Key Guide	1	Bronze with Graphite(SO#50 SP2)
㉒	Stopper	4	Urethane
㉓	Base Plate A	2	S45C (1045 Hardened)
㉔	Base Plate B	1	S45C (1045 Hardened)
㉕	Base Plate B	1	S45C (1045 Hardened)

No.	Description	Qty	Material and Remark
㉖	Base Plate B	1	S45C (1045 Hardened)
㉗	Base Plate C	1	S45C (1045 Hardened)
㉘	Stopper Plate	2	Steel
㉙	Roller Bracket	1	Steel
㉚	Roller	1	S45C (1045 Hardened)
㉛	Roller Pin	1	S45C (1045 Hardened)
㉜	Bushing	1	SOB12-18-16
㉝	E Type Snap Ring	2	φ9
㉞	Roller Driver	1	S45C (1045 Hardened)
㉟	Lock Plate	2	Steel
㊱	Dowel Pin with Female Thread	6	SUJ2 φ12×40
㊲	Dowel Pin with Female Thread	2	SUJ2 φ12×50
㊳	Hexagon Socket Head Bolt	38	SCM435 M8×20
㊴	Hexagon Socket Head Bolt	2	SCM435 M10×25
㊵	Hexagon Socket Head Bolt	4	SCM435 M10×35
㊶	Hexagon Socket Head Bolt	2	SCM435 M10×45
㊷	Hexagon Socket Head Bolt	6	SCM435 M12×30
㊸	Hexagon Socket Head Bolt	12	SCM435 M12×35
㊹	Hexagon Socket Head Bolt	2	SCM435 M12×45
㊺	Hexagon Socket Head Bolt	4	SCM435 M12×50
㊻	Hexagon Socket Head Bolt	8	SCM435 M16×40
㊼	Hexagon Socket Head Bolt	8	SCM435 M16×45
㊽	Hexagon Socket Head Bolt	4	SCM435 M16×90
㊾	Hexagon Socket Head Bolt	6	SCM435 M16×55

No.	Description	Qty	Material and Remark
㉖	Base Plate E	1	S45C (1045 Hardened)
㉗	Base Plate E	1	S45C (1045 Hardened)
㉘	Stopper Plate	2	Steel
㉙	Roller Bracket	1	Steel
㉚	Roller	1	S45C (1045 Hardened)
㉛	Roller Pin	1	S45C (1045 Hardened)
㉜	Bushing	1	SOB12-18-16
㉝	E Type Snap Ring	2	φ9
㉞	Roller Driver	1	S45C (1045 Hardened)
㉟	Lock Plate	2	S45C (1045 Hardened)
㊱	Dowel Pin with Female Thread	6	SUJ2 φ12×40
㊲	Dowel Pin with Female Thread	2	SUJ2 φ12×50
㊳	Hexagon Socket Head Bolt	50	SCM435 M8×20
㊴	Hexagon Socket Head Bolt	2	SCM435 M10×25
㊵	Hexagon Socket Head Bolt	4	SCM435 M10×35
㊶	Hexagon Socket Head Bolt	2	SCM435 M10×45
㊷	Hexagon Socket Head Bolt	6	SCM435 M12×30
㊸	Hexagon Socket Head Bolt	16	SCM435 M12×35
㊹	Hexagon Socket Head Bolt	2	SCM435 M12×45
㊺	Hexagon Socket Head Bolt	4	SCM435 M12×50
㊻	Hexagon Socket Head Bolt	8	SCM435 M16×40
㊼	Hexagon Socket Head Bolt	12	SCM435 M16×45
㊽	Hexagon Socket Head Bolt	4	SCM435 M16×90
㊾	Hexagon Socket Head Bolt	6	SCM435 M16×55

■ Table of Components (KCMSL900/1000)

No.	Description	Qty	Material and Remark
①	Cam Slider	1	FC250
②	Cam Driver	1	FC250
③	Cam Holder	1	FC250
⑤	Cam Driver Plate B	7	Bronze with Graphite(SO#50 SP2)
⑥	Spring Guide	4	Bronze with Graphite(SO#50 SP2)
⑦	Guide Pin Block	4	Steel
⑧	Spring Guide Plate	4	Steel
⑨	Positive Return Block	2	Bronze with Graphite(SO#50 SP2)
⑩	Positive Return Follower	2	S45C (1045 Hardened)
⑪	Key A	4	Steel
⑫	Key B	6	Steel
⑬	Gas Spring	4	Refer to the spring type table.
⑮	Lower Plate B	7	S45C (1045 Hardened)
⑯	Slide Lower Plate A	4	Bronze with Graphite(SO#50 SP2)
⑰	Slide Lower Plate B	4	Bronze with Graphite(SO#50 SP2)
⑱	Slide Lower Plate C	2	Bronze with Graphite(SO#50 SP2)
⑲	Base Plate B	1	S45C (1045 Hardened)
㉑	Center Key Guide	1	S45C (1045 Hardened)
㉒	Center Key Guide	1	Bronze with Graphite(SO#50 SP2)
㉓	Stopper	8	Urethane
㉔	Base Plate A	4	S45C (1045 Hardened)
㉕	Base Plate B	1	S45C (1045 Hardened)
㉖	Base Plate C	1	S45C (1045 Hardened)

No.	Description	Qty	Material and Remark
㉖	Base Plate D	2	S45C (1045 Hardened)
㉗	Base Plate C	1	S45C (1045 Hardened)
㉘	Stopper Plate	4	Steel
㉙	Roller Bracket	2	Steel
㉚	Roller	2	S45C (1045 Hardened)
㉛	Roller Pin	2	S45C (1045 Hardened)
㉜	Bushing	2	SOB12-18-16
㉝	E Type Snap Ring	4	φ9
㉞	Roller Driver	2	S45C (1045 Hardened)
㉟	Lock Plate	2	Steel
㊱	Dowel Pin with Female Thread	6	SUJ2 φ12×40
㊲	Dowel Pin with Female Thread	2	SUJ2 φ12×50
㊳	Hexagon Socket Head Bolt	66	SCM435 M8×20
㊴	Hexagon Socket Head Bolt	4	SCM435 M10×25
㊵	Hexagon Socket Head Bolt	4	SCM435 M10×35
㊶	Hexagon Socket Head Bolt	4	SCM435 M10×45
㊷	Hexagon Socket Head Bolt	10	SCM435 M12×30
㊸	Hexagon Socket Head Bolt	22	SCM435 M12×35
㊹	Hexagon Socket Head Bolt	2	SCM435 M12×45
㊺	Hexagon Socket Head Bolt	4	SCM435 M12×50
㊻	Hexagon Socket Head Bolt	12	SCM435 M16×40
㊼	Hexagon Socket Head Bolt	14	SCM435 M16×45
㊽	Hexagon Socket Head Bolt	4	SCM435 M16×90
㊾	Hexagon Socket Head Bolt	12	SCM435 M16×55