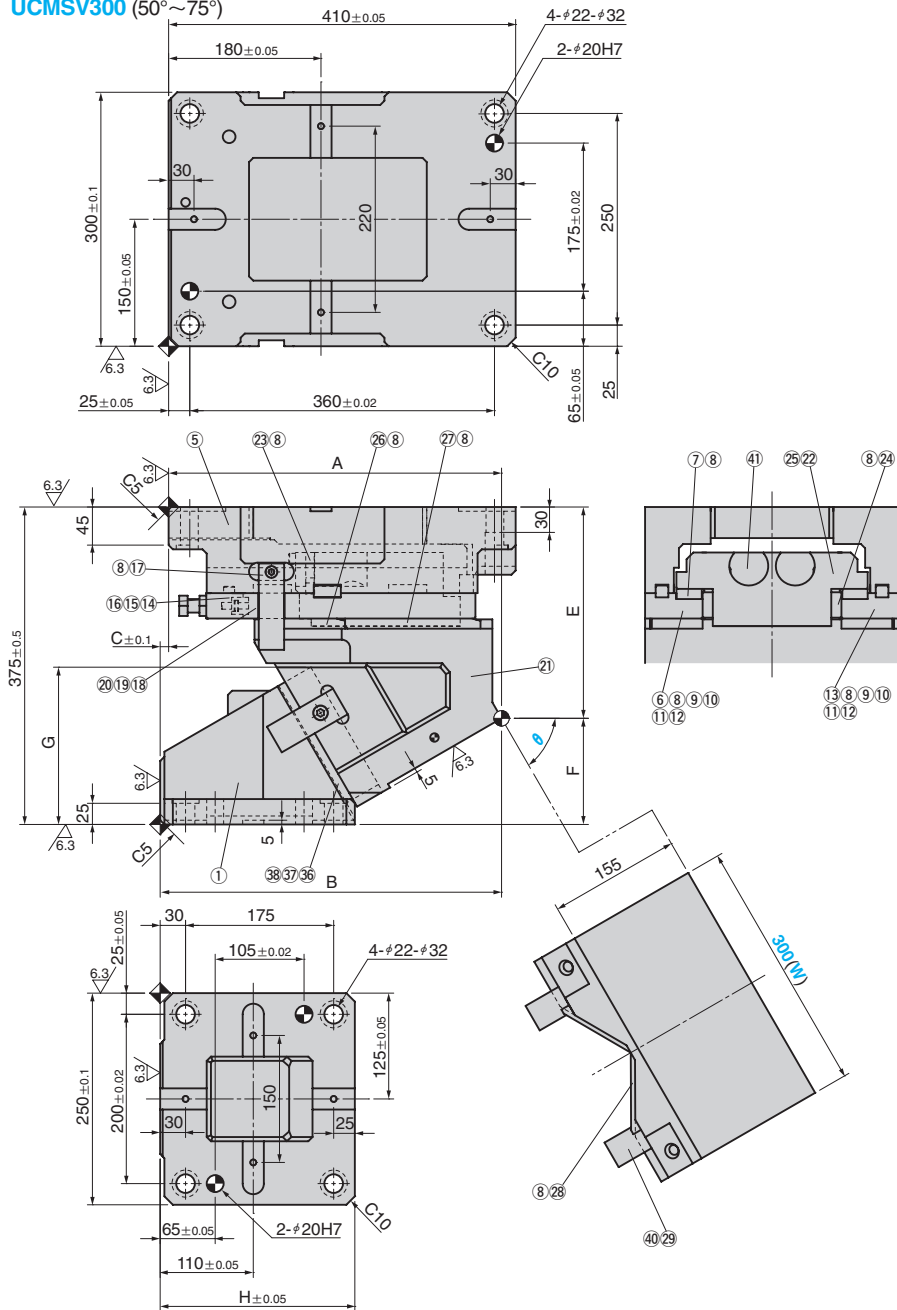


UCMSV300 (50°~75°)



θ	Travel	A	B	C	E	F	G	S	H
50	93.3	393.35	376.35	17	196.04	178.96	195		
55	104.6	393.35	393.35	0	222.75	152.25	189	60	230
60	120.0	393.35	403.35	-10	249.61	125.39	183		
65	94.6	387.48	415.48	-28	266.49	108.51	186	40	
70	73.1	378.65	423.65	-45	281.99	93.01	190	25	250
75	96.6	364.72	429.72	-65	296.88	78.12	193		

Working Force kN	Catalog No.	(W)	θ	Spring Type PS
364	UCMSV	300	50	
			55	GS
			60	GK
			65	GD
			70	*NGP
			75	

Mark *
Without gas spring but accessories for installation of each type are included.

Order **Catalog No.** **(W)** - **θ** - **PS**
UCMSV 300 - 60 - GK

Spring Specification (Qty 2)

Spring Type PS	θ	Spring Force N			Gas Spring Catalog No.
		F _A	F _E	F _{AP}	
GS	50~60	15000	24300	21975	SFC.750.80 (SANKYO)
	65			20905	SFC.750.63 (SANKYO)
	70~75			19650	SFC.750.50 (SANKYO)
GK	50~60	14800	23800	21550	X750-080-TD (KALLER)
	65			20387	X750-063-TD (KALLER)
	70~75			19200	X750-050-TD (KALLER)
GD	50~60	14640	22720	20700	U.0800.080 (DADCO)
	65			19770	U.0800.063 (DADCO)
	70~75			18680	U.0800.050 (DADCO)

NOTE
 F_A :Initial Force
 F_E :Final Force
 F_{AP} :Force at working point



Option

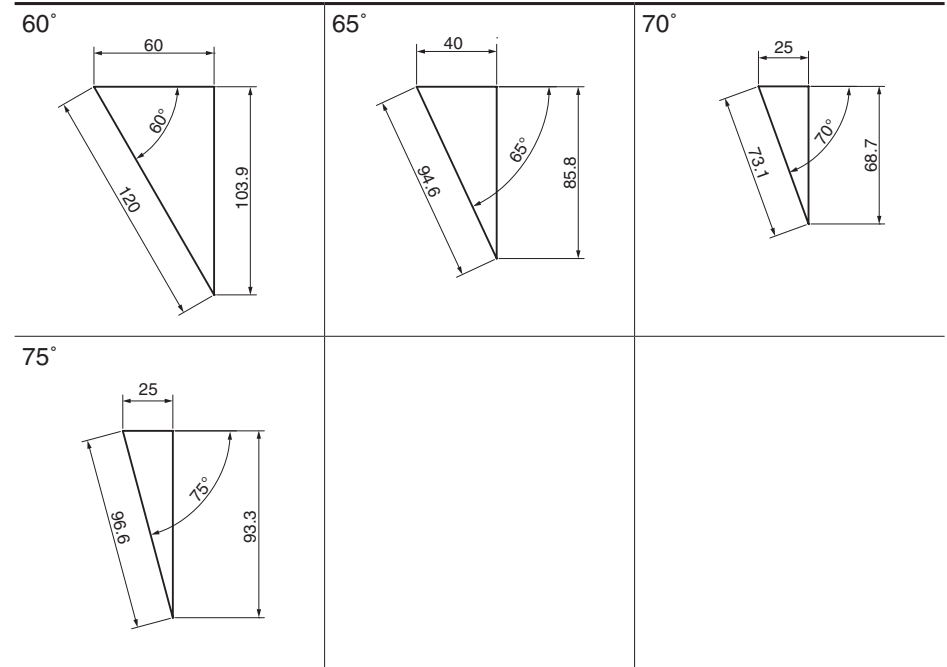
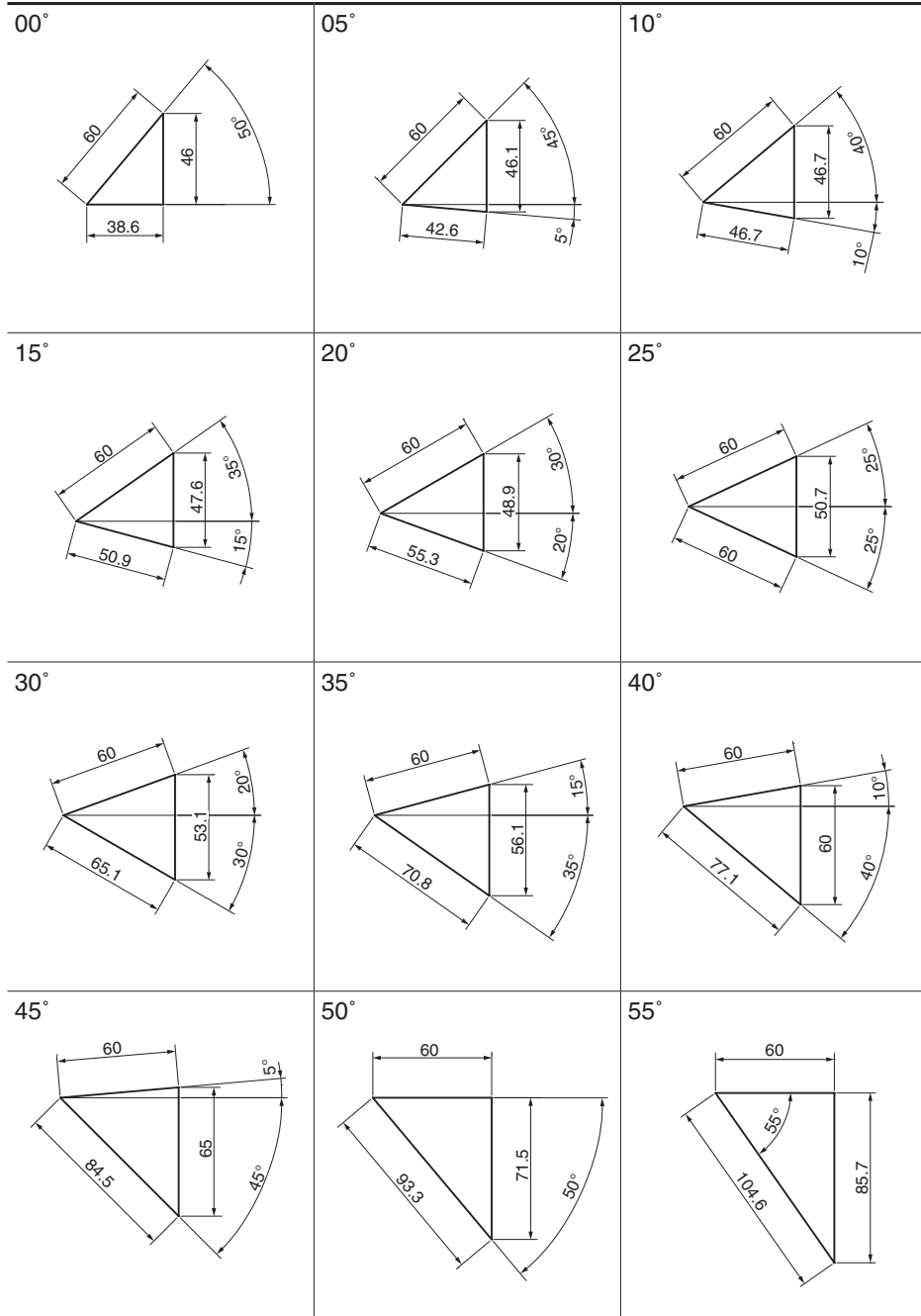
Code	Specification
K	with key
NF	without nitrogen gas



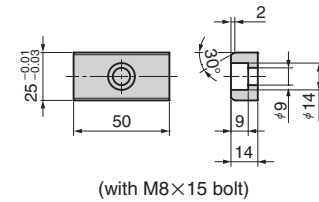
Order **UCMSV300 - 60 - GK - NF**



- Parts list is shown in p.1545
- Detail of key is shown in p.1544
- Cam diagram is shown in p.1543
- NF : Gas Springs are not filled with nitrogen gas if delivery is by air freight.



■ Key Specification



■ $\theta = 00^\circ \sim 50^\circ$

No.	Description	Qty	Material and Remark
①	Cam Driver	1	GGG60
⑤	Cam Holder	1	GGG60
⑥	Base Plate R	1	S45C
⑦	Slide Plate(VSM-15)	2	Bronze with Graphite
⑧	Hexagon Socket Head Bolt	24	SCM435 M8×20
⑨	Key	4	SS400
⑩	Hexagon Socket Head Bolt	4	SCM435 M6×20
⑪	Key	2	SS400
⑫	Hexagon Socket Head Bolt	4	SCM435 M16×45
⑬	Base Plate L	1	S45C
⑭	Stopper plate	1	S45C
⑮	Stopper	4	Urethane(PCU20)
⑯	Hexagon Socket Head Bolt	2	SCM435 M8×30
⑰	Safty Plate	2	S45C
⑱	Lock Block	1	SS400
⑲	Hexagonal Bolt	1	SCM435 M16×150
⑳	Hexagonal Nut	1	SCM435 M16
㉑	Cam Slider	1	GGG60
㉒	Spring Guide	1	S45C
㉓	Gas Spring Guide Plate	1	S45C
㉔	Slide Plate(VSM-14)	2	Bronze with Graphite
㉕	Hexagon Socket Head Bolt	4	SCM435 M20×50
㉖	Slide Plate(VSM-26)	2	Bronze with Graphite
㉗	Slide Plate(VSM-29)	2	Bronze with Graphite
㉘	Slide Plate(VSM-35)	2	Bronze with Graphite
㉙	Positive Return Plate	2	S45C
㉚	Cam Slide Guide(Lower)	1	S45C
㉛	Hexagon Socket Head Bolt	4	SCM435 M12×35
㉜	Dowel Pin with Female Thread	2	SUJ2 ϕ 12-50
㉝	Hexagon Socket Head Bolt	2	SCM435 M8×40
㉞	Hexagon Socket Head Bolt	2	SCM435 M10×35
㉟	Gas Spring	2	
㊱	Key	8	SS400
㊲	Hexagon Socket Head Bolt	8	SCM435 M8×15

■ $\theta = 55^\circ \sim 75^\circ$

No.	Description	Qty	Material and Remark
①	Cam Driver	1	GGG60
⑤	Cam Holder	1	GGG60
⑥	Base Plate R	1	S45C
⑦	Slide Plate(VSM-15)	2	Bronze with Graphite
⑧	Hexagon Socket Head Bolt	24	SCM435 M8×20
⑨	Key	4	SS400
⑩	Hexagon Socket Head Bolt	4	SCM435 M6×20
⑪	Key	2	SS400
⑫	Hexagon Socket Head Bolt	4	SCM435 M16×45
⑬	Base Plate L	1	S45C
⑭	Stopper plate	1	S45C
⑮	Stopper	4	Urethane(PCU20)
⑯	Hexagon Socket Head Bolt	2	SCM435 M8×30
⑰	Safty Plate	2	S45C
⑱	Lock Block	1	SS400
⑲	Hexagonal Bolt	1	SCM435 M16×150
⑳	Hexagonal Nut	1	SCM435 M16
㉑	Cam Slider	1	GGG60
㉒	Spring Guide	1	S45C
㉓	Gas Spring Guide Plate	1	S45C
㉔	Slide Plate(VSM-14)	2	Bronze with Graphite
㉕	Hexagon Socket Head Bolt	4	SCM435 M20×50
㉖	Slide Plate(VSM-26)	2	Bronze with Graphite
㉗	Slide Plate(VSM-29)	2	Bronze with Graphite
㉘	Slide Plate(VSM-34)	2	Bronze with Graphite
㉙	Positive Return Plate	2	S45C
㉚	Cam Slide Guide(Lower)	1	S45C
㉛	Hexagon Socket Head Bolt	4	SCM435 M12×35
㉜	Dowel Pin with Female Thread	2	SUJ2 ϕ 12-50
㉝	Hexagon Socket Head Bolt	2	SCM435 M8×40
㉞	Hexagon Socket Head Bolt	2	SCM435 M10×35
㉟	Gas Spring	2	
㊱	Key	8	SS400
㊲	Hexagon Socket Head Bolt	8	SCM435 M8×15