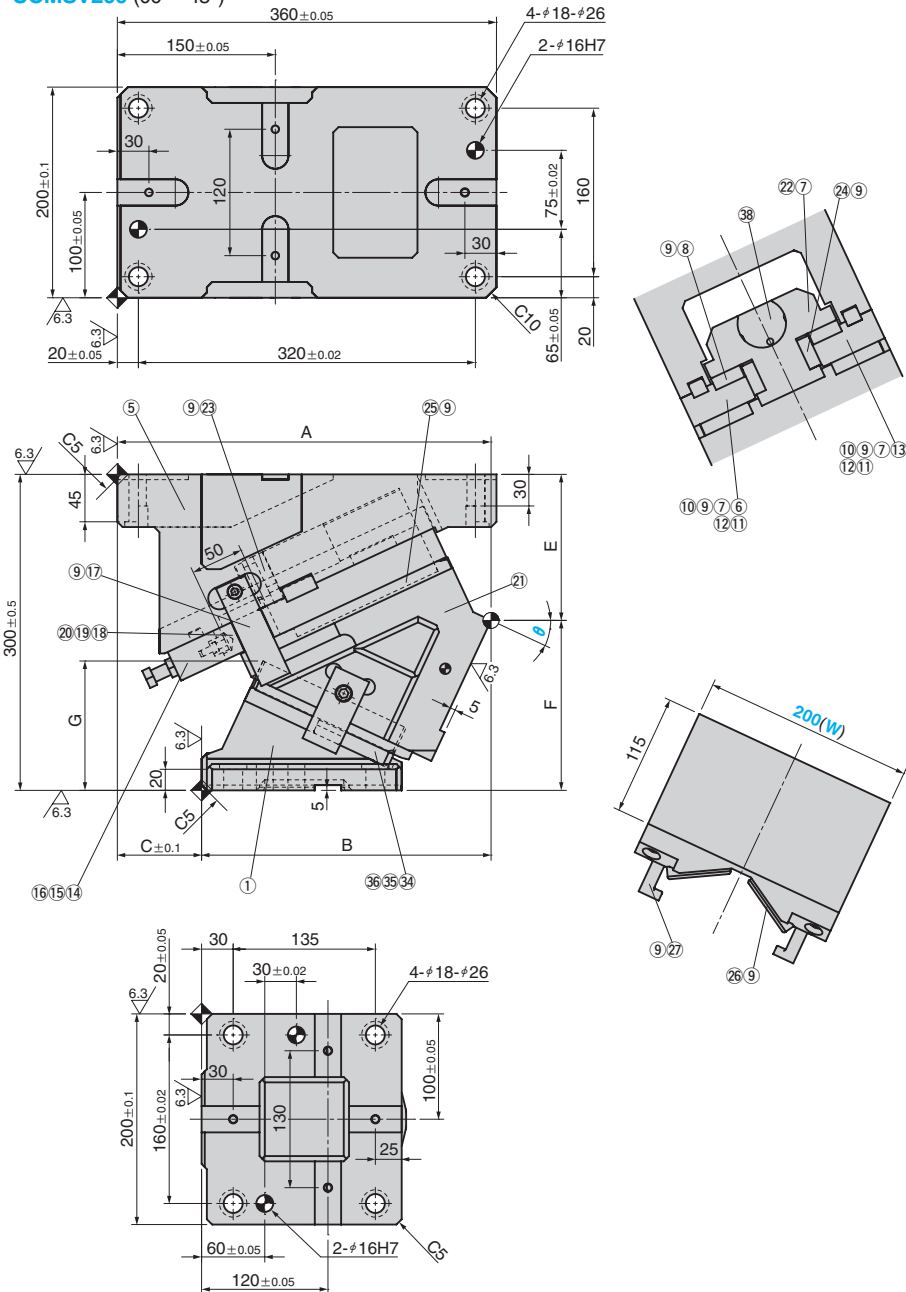


UCMSV200 (00°~45°)



θ	Travel	A	B	C	E	F	G
00	32.1	360.00	210.00	150	95.00	205.00	79
05	35.5	356.25	222.25	134	100.91	199.09	89
10	38.9	359.27	241.27	118	111.09	188.91	96
15	42.4	355.78	244.78	111	122.47	177.53	102
20	46.1	355.68	262.68	93	130.00	170.00	113
25	50.0	354.88	274.88	80	138.62	161.38	123
30	54.3	357.28	287.28	70	148.28	151.72	133
35	59.0	345.80	281.80	64	158.89	141.11	141
40	64.3	344.27	286.27	58	170.38	129.62	149
45	70.4	344.86	304.86	40	182.66	117.34	156

Working Force kN	Catalog No.	(W)	θ	Spring Type PS
			00	
			05	
			10	
			15	GS
			20	GK
			25	GD
			30	*NGP
			35	
			40	
			45	

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

Order **Catalog No.** (W) - θ - PS
UCMSV 200 - 25 - GK

Spring Specification (Qty 1)

Spring Type PS	θ	Spring Force N			Gas Spring Catalog No.
		F _A	F _E	F _{AP}	
GS	00~45	7500	12150	11190	SFC.750.63 (SANKYO)
GK	00~45	7400	11800	10892	X750-063-TD (KALLER)
GD	00~45	7320	11360	10526	U.0800.063 (DADCO)

NOTE

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

Option

Code	Specification
LA	without accelerator
K	with key
NF	without nitrogen gas

Parts list is shown in p.1529
 Detail of key is shown in p.1528
 Cam diagram is shown in p.1527
 NF : Gas Springs are not filled with nitrogen gas if delivery is by air freight.

Order **UCMSV200 - 25 - GK - NF**

Aerial Cam Unit Table of Components

FOR PIERCE AND FLANGE

■ $\theta = 00^\circ \sim 50^\circ$

No.	Description	Qty	Material and Remark
①	Cam Driver	1	GGG60
③	Hexagon Socket Head Bolt	2	SCM435 M10×30
⑤	Cam Holder	1	GGG60
⑥	Base Plate R	1	S45C
⑦	Hexagon Socket Head Bolt	6	SCM435 M16×45
⑧	Slide Plate(VSM-15)	2	Bronze with Graphite
⑨	Hexagon Socket Head Bolt	20	SCM435 M8×20
⑩	Key	4	SS400
⑪	Hexagon Socket Head Bolt	4	SCM435 M6×20
⑫	Key	2	SS400
⑬	Base Plate L	1	S45C
⑭	Stopper Plate	1	SS400
⑮	Stopper	1	Urethane (PCU20)
⑯	Hexagon Socket Head Bolt	2	SCM435 M8×30
⑰	Safty Plate	2	S45C
⑱	Lock Block	1	SS400
⑲	Hexagonal Bolt	2	SCM435 M12×140
⑳	Hexagonal Nut	2	SCM435 M12
㉑	Cam Slider	1	GGG60
㉒	Spring Guide	1	S45C
㉓	Gas Spring Guide Plate	1	SS400
㉔	Slide Plate(VSM-13)	2	Bronze with Graphite
㉕	Slide Plate(VSM-25)	2	Bronze with Graphite
㉖	Slide Plate(VSM-29)	2	Bronze with Graphite
㉗	Cam Positive Return Plate	2	S45C
㉘	Cam Slide Plate	1	S45C
㉙	Hexagon Socket Head Bolt	4	SCM435 M10×35
㉚	Dowel Pin with Female Thread	2	SUJ2 ϕ 12-40
㉛	Hexagon Socket Head Bolt	2	SCM435 M8×60
㉜	Gas Spring	1	
㉝	Key	8	SS400
㉞	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
③	Hexagon Socket Head Bolt	2	SCM435 M10×30
⑤	Cam Holder	1	GGG60
⑥	Base Plate R	1	S45C
⑦	Hexagon Socket Head Bolt	6	SCM435 M16×45
⑧	Slide Plate(VSM-15)	2	Bronze with Graphite
⑨	Hexagon Socket Head Bolt	20	SCM435 M8×20
⑩	Key	4	SS400
⑪	Hexagon Socket Head Bolt	4	SCM435 M6×20
⑫	Key	2	SS400
⑬	Base Plate L	1	S45C
⑭	Stopper Plate	1	SS400
⑮	Stopper	1	Urethane (PCU20)
⑯	Hexagon Socket Head Bolt	2	SCM435 M8×30
⑰	Safty Plate	2	S45C
⑱	Lock Block	1	SS400
⑲	Hexagonal Bolt	2	SCM435 M12×140
⑳	Hexagonal Nut	2	SCM435 M12
㉑	Cam Slider	1	GGG60
㉒	Spring Guide	1	S45C
㉓	Gas Spring Guide Plate	1	SS400
㉔	Slide Plate(VSM-13)	2	Bronze with Graphite
㉕	Slide Plate(VSM-25)	2	Bronze with Graphite
㉖	Slide Plate(VSM-28)	2	Bronze with Graphite
㉗	Cam Positive Return Plate	2	S45C
㉘	Cam Slide Plate	1	S45C
㉙	Hexagon Socket Head Bolt	4	SCM435 M10×35
㉚	Dowel Pin with Female Thread	2	SUJ2 ϕ 12-40
㉛	Hexagon Socket Head Bolt	2	SCM435 M8x60
㉜	Gas Spring	1	
㉝	Key	8	SS400
㉞	Hexagon Socket Head Bolt	8	SCM435 M8×15