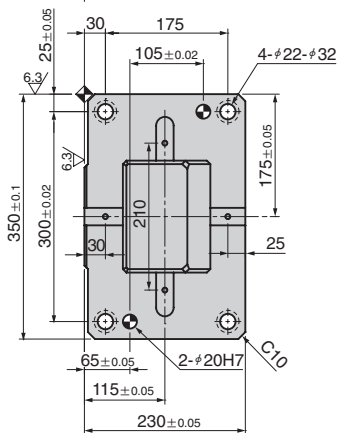
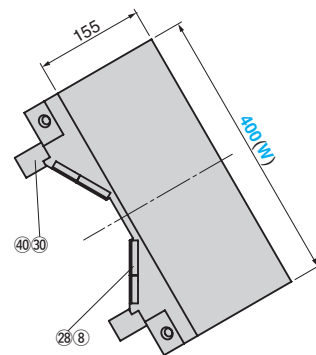
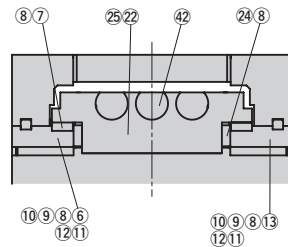
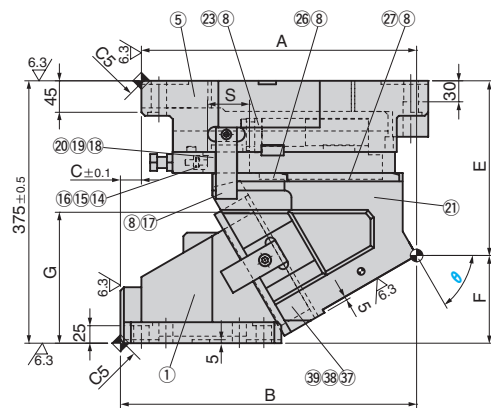
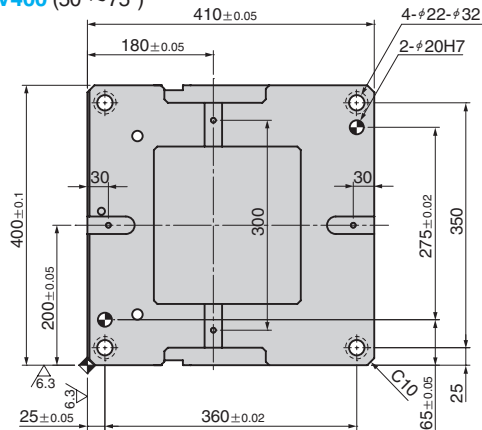


UCMSV400 (50°~75°)



θ	Travel	A	B	C	E	F	G	S
50	93.3	393.35	391.35	2	196.04	178.96	199	
55	104.6	392.76	405.76	-13	221.83	153.17	194	60
60	120.0	393.35	423.35	-30	249.61	125.39	187	
65	94.6	387.48	435.48	-48	266.49	108.51	190	40
70	73.1	378.65	443.65	-65	281.99	93.01	194	
75	96.6	364.72	449.72	-85	296.88	78.12	198	25

Working Force kN	Catalog No.	(W)	θ	Spring Type PS
450	UCMSV	400	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 400 - 60 - GK

Spring Specification (Qty 3)

Spring Type PS	θ	Spring Force N			Gas Spring Catalog No.
		F _A	F _E	F _{AP}	
GS	50~60	22500	36450	32963	SFC.750.80 (SANKYO)
	65			31357	SFC.750.63 (SANKYO)
	70~75			29475	SFC.750.50 (SANKYO)
GK	50~60	22200	35700	32325	X750-080-TD (KALLER)
	65			30581	X750-063-TD (KALLER)
	70~75			28800	X750-050-TD (KALLER)
GD	50~60	21960	34080	31050	U.0800.080 (DADCO)
	65			29655	U.0800.063 (DADCO)
	70~75			28020	U.0800.050 (DADCO)

NOTE

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



Code	Specification
K	with key
NF	without nitrogen gas



- Parts list is shown in p.1553
- Detail of key is shown in p.1552
- Cam diagram is shown in p.1551
- NF : Gas Springs are not filled with nitrogen gas if delivery is by air freight.



Order **UCMSV400 - 60 - GK - NF**

Aerial Cam Unit Table of Components

FOR PIERCE AND FLANGE

■ $\theta = 00^\circ \sim 75^\circ$

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	28	SCM435 M8×20
⑨	Key	2	SS400
⑩	Key	4	SS400
⑪	Hexagon Socket Head Bolt	4	SCM435 M6×20
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	Safety 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	6	SCM435 M20×50
㉖	Slide Plate(VSM-31)	2	Bronze with Graphite
㉗	Slide Plate(VSM-34)	2	Bronze with Graphite
㉘	Slide Plate(VSM-25)	4	Bronze with Graphite
㉙	Positive Return Plate	2	S45C
㉚	Cam Slide Guide(Lower)	1	S45C
㉛	Hexagon Socket Head Bolt	4	SCM435 M12×45
㉜	Dowel Pin with Female Thread	2	SUJ2 $\phi 16-50$
㉝	Hexagon Socket Head Bolt	2	SCM435 M10×35
㉞	Hexagon Socket Head Bolt	2	SCM435 M8×40
㉟	Gas Spring	3	
㊱	Key	8	SS400
㊲	Hexagon Socket Head Bolt	8	SCM435 M8×25