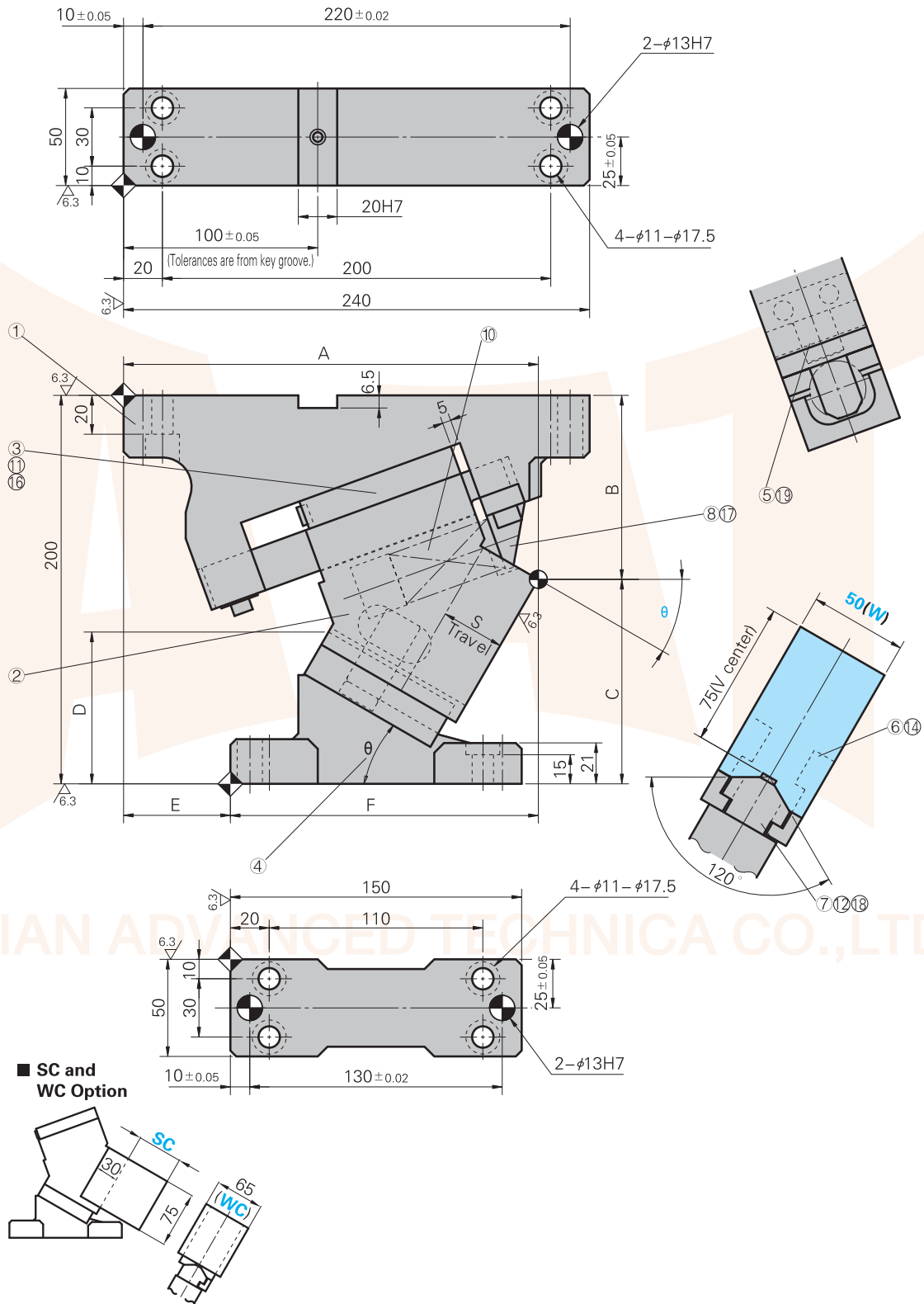


Aerial Cam Unit

- B-UCMSC/ B-UCMSF -

B - UCMSC50 (00° ~ 70°)



Aerial Cam Unit

Aerial Cam Unit

- B-UCMSC/ B-UCMSF -

W	θ	S	A	B	C	D	E	F
B-UCMSC50	0	30.20	225.00	77.50	122.50	45.00	-107	118.00
	5	30.50	226.91	78.33	121.67	51.40	-100	126.91
	10	30.30	223.72	79.93	120.07	57.60	-90	133.72
	15	30.50	224.36	82.29	117.71	63.60	-85	139.36
	20	30.40	220.76	85.39	114.61	69.10	-70	150.76
	25	30.00	215.85	89.22	110.78	74.40	-58	157.85
	30	32.60	213.58	94.73	105.27	78.20	-55	158.58
	35	35.40	204.89	96.90	103.10	85.50	-35	169.89
	40	38.60	206.72	102.69	97.31	89.40	-30	176.72
	45	42.30	202.01	103.06	96.94	98.70	-20	182.01
	50	46.70	195.73	105.94	94.06	105.50	-10	185.73
	55	52.10	189.83	116.30	83.70	104.80	0	189.83
	60	59.10	179.27	125.08	74.92	105.50	15	194.27
	65	58.90	176.60	126.87	73.13	106.50	32	208.60
70	57.60	177.00	135.83	64.17	107.00	38	215.00	

Table of Components

No.	Description	Qty	Material and Remark
①	Cam Holder	1	QT500
②	Cam Slider	1	QT500
③	Wear Plate	1	Bronze
④	Cam Driver	1	QT500
⑤	Guide Bar	1	45
⑥	Positive Return Follower	2	45
⑦	Cam Slide Guide	1	Bronze
⑧	Spring Block	1	Q235
⑩	Coil Spring	1	
⑪	Stopper	2	$\varnothing 10 \times 10$
⑫	Dowel Pin with Female Thread	3	$\varnothing 8 \times 30$
⑭	Hexagon Socket Brazier Head Bolt	1	LCS-8-18
⑯	Hexagon Socket Brazier Head Bolt	4	M 8 x 20
⑰	Hexagon Socket Brazier Head Bolt	2	M 8 x 30
⑱	Hexagon Socket Brazier Head Bolt	2	M 10 x 30
⑲	Hexagon Socket Brazier Head Bolt	1	M 10 x 35

Option Code	Specification
SC	The mount surface is extended forward in the range of 10 to 60 mm (at increments of 10 mm).
WC	The mount width is changed to 65.

Order No :

Catalog No. (W) - (θ)
B - UCMSC 50 70

Aerial Cam Unit

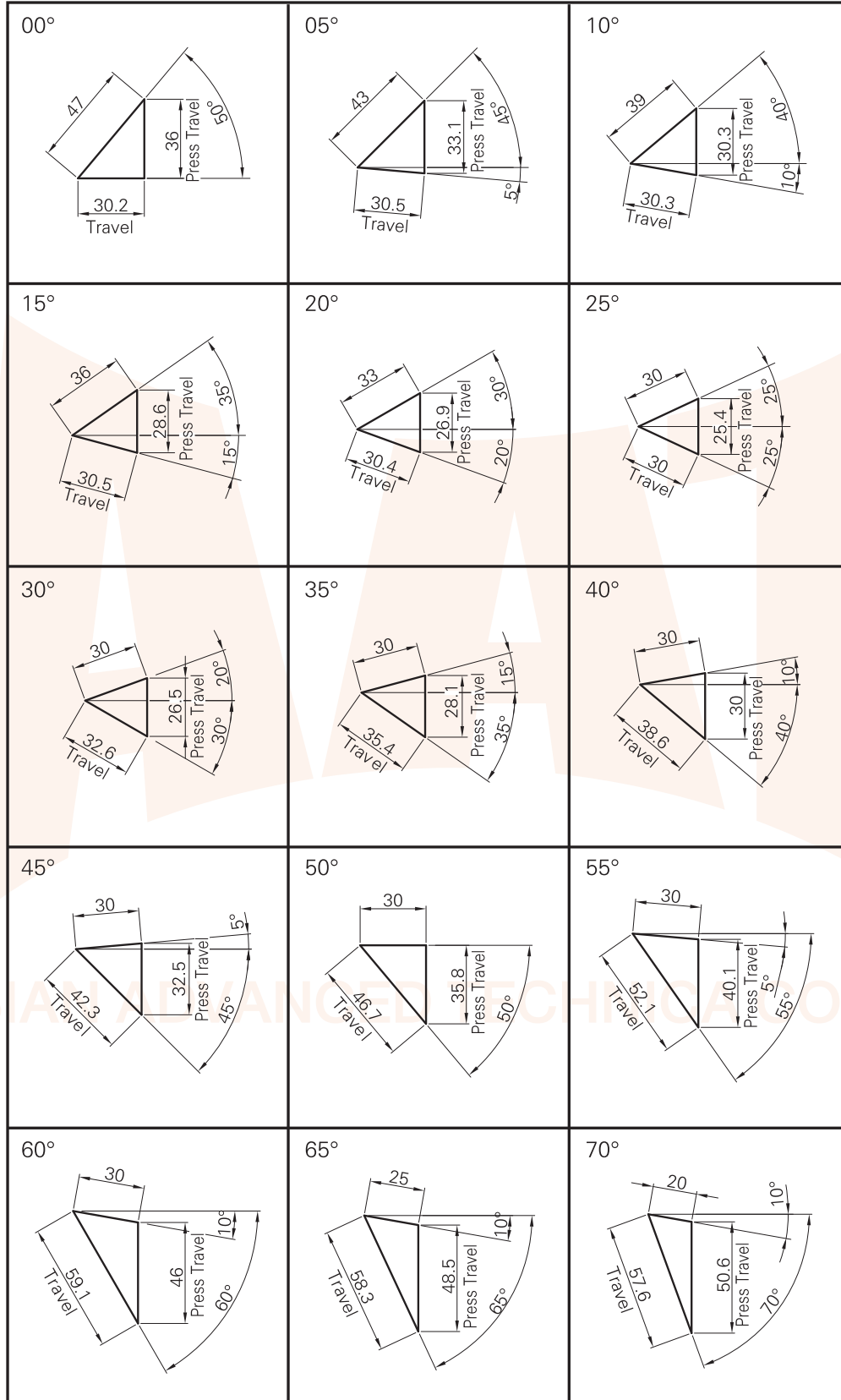
- B-UCMSC/ B-UCMSF -

Catalog No.	(W)	(θ)	Travel S	Working Force kN(tonf)		Spring Force N (kgf)		Total Weight kg
				Standard Working Force (one million strokes)	Allowable Working Force (300,000 strokes)	Initial Load	Final Load	
B-UCMSC	50	00	30.2	19.6 (2.0)	39.2 (4.0)	58.8 (6.0)	980.0 (100.0)	12.7
		05	30.5			137.2 (14.0)		12.3
		10	30.3			215.6 (22.0)		11.8
		15	30.5			98.0 (10.0)		
		20	30.4			171.5 (17.5)		11.5
		25	30.0			163.8 (16.7)		982.8 (100.1)
		30	32.6				11.1	
		35	35.4				10.9	
		40	38.6				10.6	
		45	42.3					
		50	46.7					
		55	52.1					
		60	59.1				11.2	
		65	58.3				299.8	
70	57.6	226.8 (23.1)	12.0					

Aerial Cam Unit

- B-UCMSC/ B-UCMSF -

Cam Diagram



Aerial Cam Unit

- B-UCMSC/ B-UCMSF -

Spring Diagram

