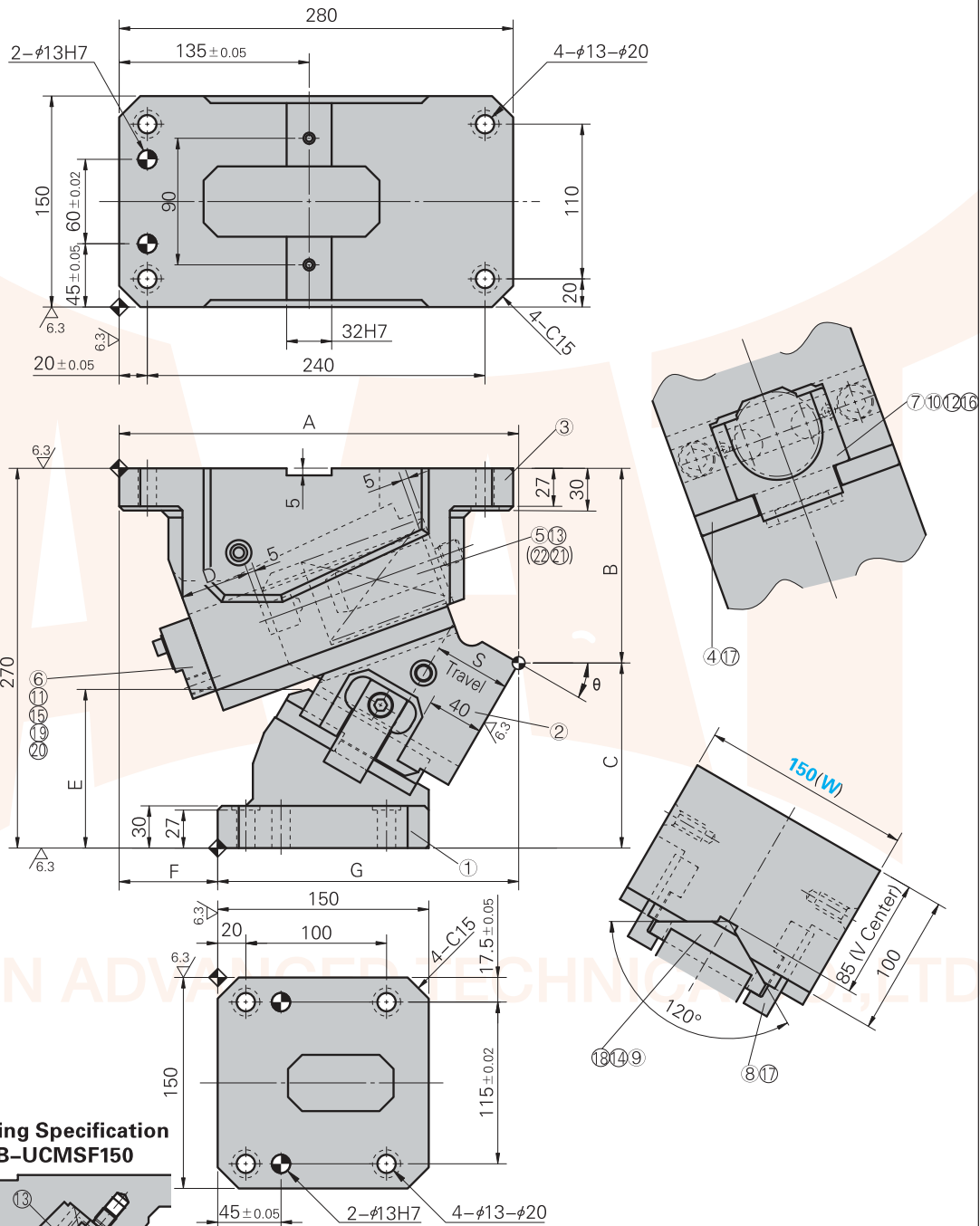


# Aerial Cam Unit

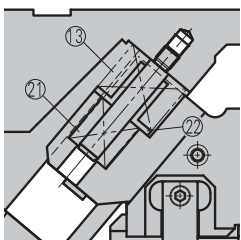
## - B-UCMSC/ B-UCMSF -

B-UCMSC150 ( 00° ~ 70° )  
 B-UCMSF150 ( 00° ~ 70° )

\* This drawing shows B-UCMSC150



Spring Specification for B-UCMSF150



# Aerial Cam Unit

## - B-UCMSC/ B-UCMSF -

W	$\theta$	S	A	B	C	D	E	F	G
B-UCMSC150 B-UCMSF150	0	32.10	280.00	85.00	185.00	50	94.00	-120	160.00
	5	32.30	288.26	95.84	174.16		-115	173.26	
	10	38.90	285.54	102.36	167.64		-105	180.54	
	15	39.70	291.79	114.47	155.53			186.79	
	20	46.10	286.97	122.07	147.93		-90	196.97	
	25	47.80	291.02	135.08	134.92			201.02	
	30	54.30	283.92	138.40	131.60		-70	213.92	
	35	57.40	285.66	151.91	118.09			215.66	
	40	64.30	276.20	155.53	114.47		-45	231.20	
	45	69.60	275.56	169.14	100.86			230.56	
	50	77.80	263.74	167.65	102.35		-25	238.74	
	55	87.20	260.74	180.96	89.06			235.74	
	60	98.50	246.60	193.92	76.08		0	246.60	
	65	81.60	241.35	206.49	63.51			241.35	
	70	86.40	240.01	218.56	51.44		40	138.60	5
						30	141.90		

### Table of Components

#### B-UCMSC150

#### B-UCMSF150

No.	Description	Qty	Material and Remark
①	Cam Dirver	1	HT250
②	Cam Slider	1	HT250
③	Cam Holder	1	HT250
④	Slide Plate	2	Q235
⑤	Spring Guide Pin	1	Q235
⑥	Stopper Plate	1	Q235
⑦	Spring Guide Block	1	QT500
⑧	Positive Return Follower	2	45
⑨	Cam Slide Guide	1	Bronze
⑩	Key	1	45
⑪	Safety Plate	1	Q235
⑫	Stopper	2	Urethane
⑬	Coil Spring	1	
⑭	Dowel Pin with Female Thread	2	$\varnothing$ 10 x 40
⑯	Hexagon Socket Head Bolt	4	M 12 x 30
⑰	Hexagon Socket Head Bolt	8	M 10 x 25
⑱	Hexagon Socket Head Bolt	2	M 10 x 35
⑲	Hexagon Socket Head Bolt	2	M 16 x 35
⑳	Hexagon Socket Head Bolt	2	M 6 x 15

No.	Description	Qty	Material and Remark
①	Cam Dirver	1	HT250
②	Cam Slider	1	HT250
③	Cam Holder	1	HT250
④	Slide Plate	2	Q235
⑤	Spring Guide Pin	1	Q235
⑥	Stopper Plate	1	Q235
⑦	Spring Guide Block	1	QT500
⑧	Positive Return Follower	2	45
⑨	Cam Slide Guide	1	Bronze
⑩	Key	1	45
⑪	Safety Plate	1	Q235
⑫	Stopper	2	Urethane $\varnothing$ 22 x 23
⑬	Coil Spring	1	
⑭	Dowel Pin with Female Thread	2	$\varnothing$ 10 x 40
⑯	Hexagon Socket Head Bolt	4	M 12 x 30
⑰	Hexagon Socket Head Bolt	8	M 10 x 25
⑱	Hexagon Socket Head Bolt	2	M 10 x 35
⑲	Hexagon Socket Head Bolt	2	M 16 x 35
⑳	Hexagon Socket Head Bolt	2	M 6 x 15
㉑	Coil Spring	1	
㉒	Bushing	1	Q235

Order No :

Catalog No.	(W)	-	( $\theta$ )
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B - UCMSC      150    -    70  
 B - UCMSF     150    -    70

Option Code	Specification
K	Dedicated key is attached for cam driver.
TK	Dedicated key is attached for cam holder (T-shaped) and cam driver.
N16	The dowel pin holes for the cam holder and cam driver are changed to $\varnothing$ 16H7.

# Aerial Cam Unit

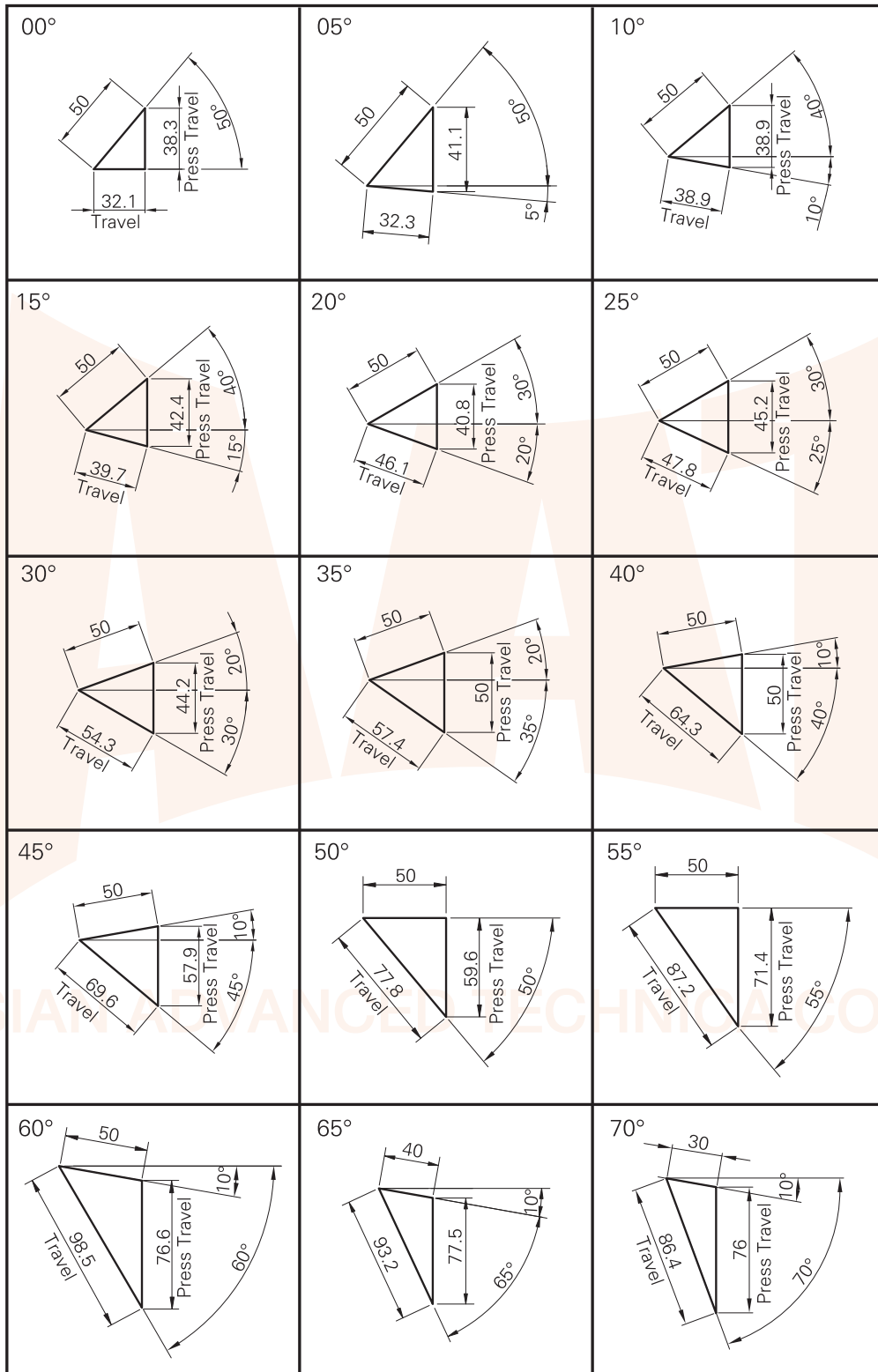
## - B-UCMSC/ B-UCMSF -

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 B-UCMSF	150	00	32.1	88.2 (9.0) 123.5 (12.6)	132.3 (13.5) 185.2 (18.9)	635.5 (64.8) 222.8 (22.7)	4607.5 (470.2) 9540.0 (973.4)	45.4
		05	32.3					45.9
		10	38.9					44.4
		15	39.7					44.9
		20	46.1					43.2
		25	47.8					43.7
		30	54.3					42.2
		35	57.4					42.7
		40	64.3					41.0
		45	69.6					41.4
		50	77.8					40.5
		55	87.2					40.9
		60	98.5					41.5
		65	93.2					42.2
		70	86.4					43.5

# Aerial Cam Unit

## - B-UCMSC/ B-UCMSF -

### Cam Diagram

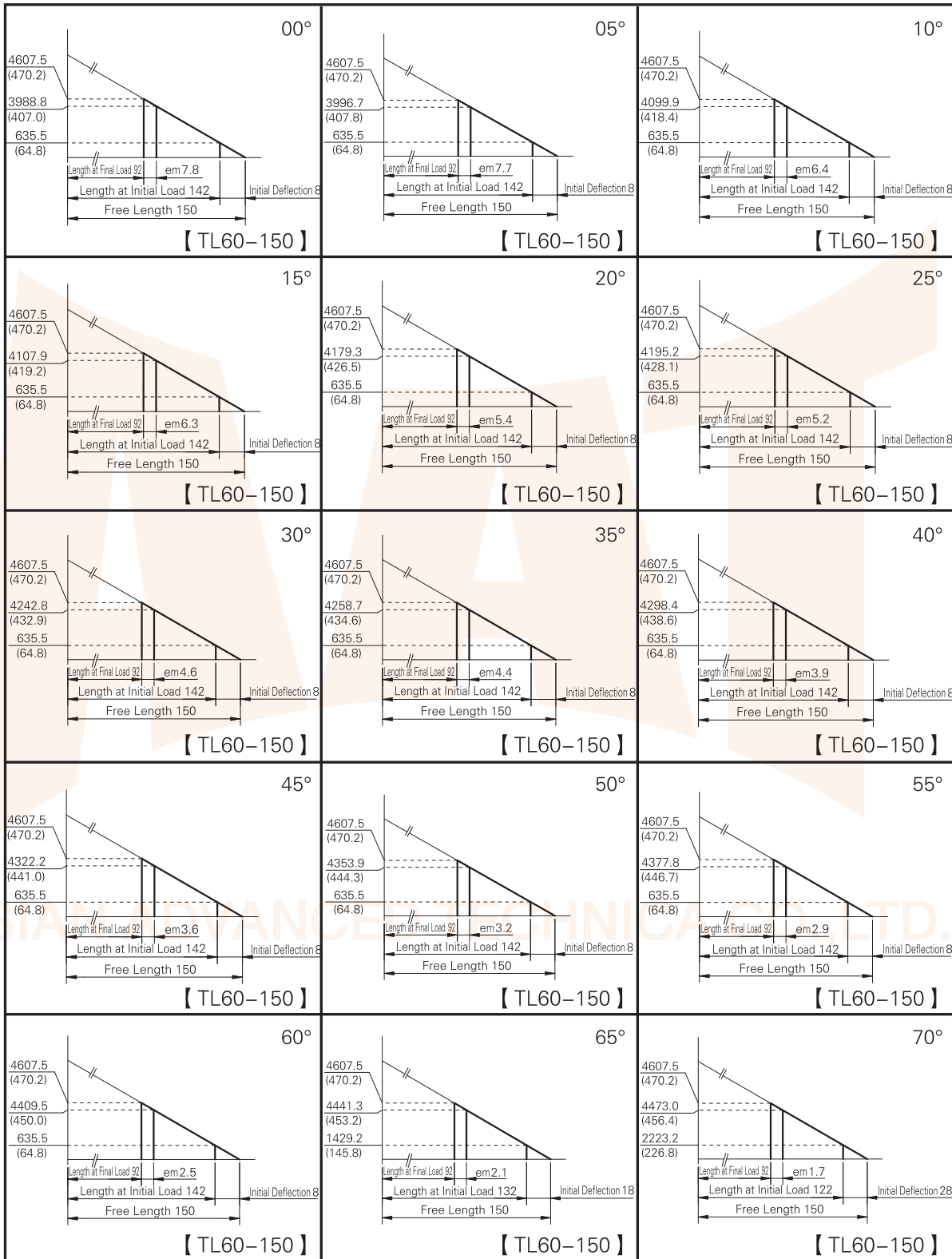


# Aerial Cam Unit

## - B-UCMSC/ B-UCMSF -

### Spring Diagram

B-UCMSC



# Aerial Cam Unit

## - B-UCMSC/ B-UCMSF -

### Spring Diagram

B-UCMSF

