



優秀的剎車系統
ADVANCED BRAKING SYSTEM

超高負荷的鏈條
SUPER HIGH STRENGTH CHAIN

整體密閉的構造
INTEGRAL HERMETIC STRUCTURE

安全的保護裝置
SAFETY PROTECTION FEATURES



Certificate NO.
100282-2011-CE-RGC-DNV Rev.0.0

CE ISO

友力仕電動鍊條吊車
UELEX ELECTRIC CHAIN HOIST



Capacity:
0.5 (L) ,0.5 (H) ton



Capacity:
1 (L) ,1 (H) ton



Capacity:
2 (L) ,2 (H) ton



Capacity:
2 (S) ton



Capacity:
7.5 (S) ton



Capacity:
10 (S) ton



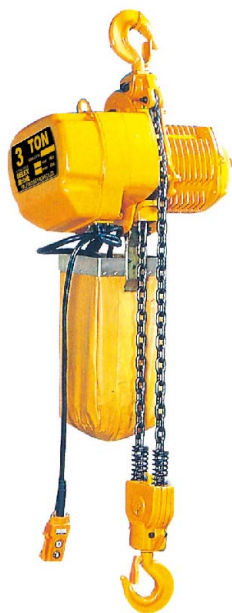
Capacity:
15 (S) ton

明細表 SPECIFICATIONS

荷重 Nominal Capacity (Ton)	型號 Model		標準 揚程 Standard Lift (m)	每分吊昇速度 Lifting Speed (m/min)				馬力 Lifting Motor (KW)		電源 Power Supply	額定 Duty Rating (%)		鏈條 吊數 Load Chain Fall Lines	單速 Single Speed		雙速 Dual Speed			
	單速 Single Speed	雙速 Dual Speed		50HZ		60HZ		單速 Single Speed	雙速 Dual Speed		單速 Single Speed	雙速 Dual Speed		單速 Single Speed	雙速 Dual Speed	淨重 N.W.(kg)	毛重 G.W.(kg)	淨重 N.W.(kg)	毛重 G.W.(kg)
0.5	US0050L	US0050LD	3	6.7	6.7/2.2	8.0	8.0/2.6	1.5	1.5/0.5	3相 (3PHASE) 220V-600V 50HZ 60HZ	40	30/10	1	58	64	64	70		
	US0050H	US0050HD		11.3	11.3/3.8	13.5	13.5/4.5	1.7	2.2/0.7				1	60	66	64	70		
1	US0100L	US0100LD		4.7	4.7/1.6	5.6	5.6/1.8	1.5	1.5/0.5				1	58	64	64	70		
	US0100H	US0100HD		6.7	6.7/2.2	8.0	8.0/2.6	1.7	2.2/0.7				1	60	66	64	70		
2	US0200L	US0200LD		2.3	2.3/0.8	2.8	2.8/0.9	1.5	1.5/0.5				1.7	2.2/0.7	2	71	77	75	81
	US0200H	US0200HD		3.3	3.3/1.1	4.0	4.0/1.3	2	71						77	75	81		
3	US0300L	US0300LD		1.5	1.5/0.5	1.8	1.8/0.6	1.7	2.2/0.7				3	85	98	88	101		
	US0300H	US0300HD		2.2	2.2/0.7	2.6	2.6/0.9						3	85	98	88	101		
2	US0200S	US0200SD		6.6	6.6/2.2	7.9	7.9/2.6	3.7	3.7/1.2				1	117	145	118	146		
2.5	US0250S	US0250SD		5.3	5.3/1.8	6.4	6.4/2.1						1	116	144	125	153		
3	US0300S	US0300SD		4.3	4.3/1.4	5.2	5.2/1.7						2	134	162	136	164		
5	US0500S	US0500SD		2.6	2.6/0.9	3.2	3.2/1.0						2	145	173	154	182		
7.5	US0750S	US0750SD		1.8	1.8/0.6	2.1	2.1/0.7	3.7×2	3.7×2/ 1.2×2				3	195	223	204	232		
10	US1000S	US1000SD		2.6	2.6/0.9	3.2	3.2/1.0						4	334	392	351	407		
15	US1500S	US1500SD		1.8	1.8/0.6	2.1	2.1/0.7						6	400	468	417	485		
20	US2000S	US2000SD		1.3	1.3/0.4	1.6	1.6/0.5			8	510	590	527	577					
1	US0100E	-		5.3	-	6.4	-	1.5	-	單相 1PHASE 220V / 230V 50HZ / 60HZ	15	-	1	63	69	-	-		
2	US0200E	-		2.7	-	3.2	-						2	74	81	-	-		



Capacity:
3 (L) ,3 (H) ton



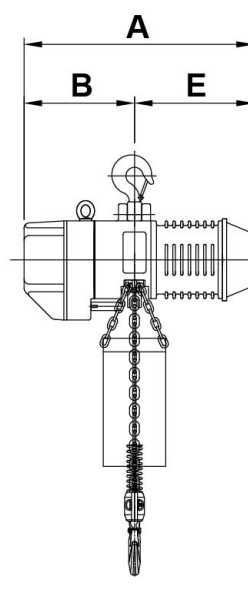
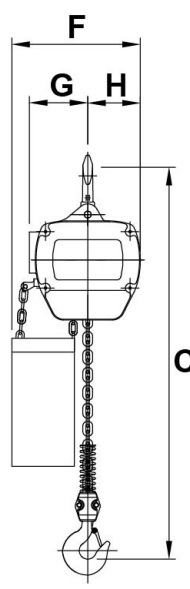
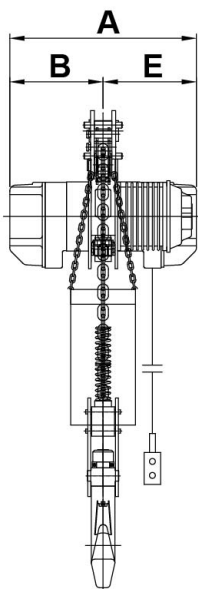
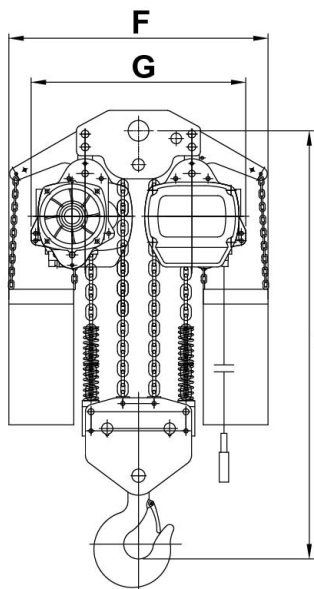
Capacity:
3 (S) ton



Capacity:
2.5 (S) ton



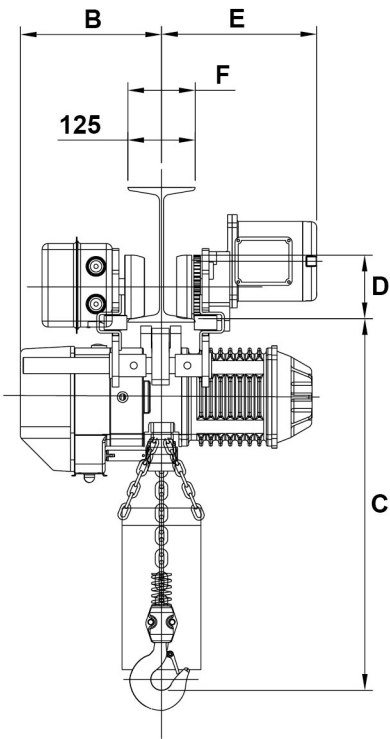
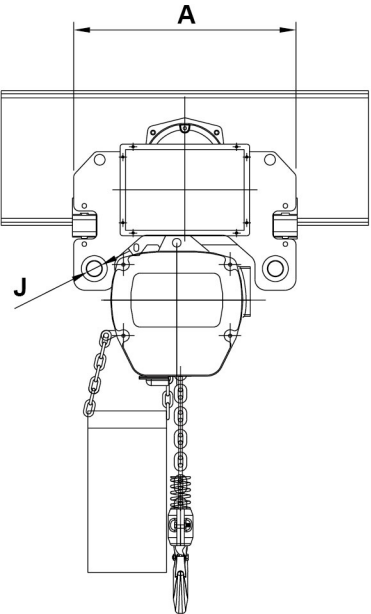
Capacity:
5 (S) ton



規格尺寸：DIMENSIONS(mm)

荷重 Nominal Capacity (Ton)	型號 Model	最小鉤距： Min Distance Between Hooks		C		A		B		E		F	G	H
		單速 Single Speed	雙速 Dual Speed	單速 Single Speed	雙速 Dual Speed	單速 Single Speed	雙速 Dual Speed	單速 Single Speed	雙速 Dual Speed	單速 Single Speed	雙速 Dual Speed			
0.5	US0050L(D)	588	588	535	533	261	261	299	297	303	140	123	140	123
	US0050H(D)													
1	US0100L(D)	745	745	538	556	261	261	277	295	319	202	77	202	77
	US0100H(D)													
2	US0200L(D)	849	849	535	533	321	321	299	297	400	239	121	239	121
	US0200H(D)													
3	US0300L(D)	777	777	625	649	321	321	304	328	426	184	162	184	162
	US0300H(D)													
2	US0200S(D)	944	944	627	653	321	321	306	332	306	332	260	86	86
	US0200S(D)													
2.5	US0250S(D)	966	966	625	649	321	321	304	328	306	332	271	75	75
	US0250S(D)													
3	US0300S(D)	972	972	625	649	321	321	304	328	304	328	547	292	175
	US0300S(D)													
5	US0500S(D)	1238	1238	642	656	321	321	321	328	1048	886	-	730	-
	US0500S(D)													
7.5	US0750S(D)	1392	1392	642	656	321	321	321	328	1248	1086	-	1048	-
	US0750S(D)													
10	US1000S(D)	1534	1534	642	656	321	321	321	328	1248	1086	-	1248	-
	US1000S(D)													
15	US1500S(D)	588	588	535	-	261	-	299	-	303	140	123	140	123
	US1500S(D)													
20	US2000S(D)	745	745	535	-	261	-	299	-	319	202	77	202	77
	US2000S(D)													
1	US0100E	588	-	535	-	261	-	299	-	303	140	123	140	123
2	US0200E	745	-	535	-	261	-	299	-	319	202	77	202	77

低舉型電動鏈條吊車
Low Headroom Electric Chain Hoist
LHR Series

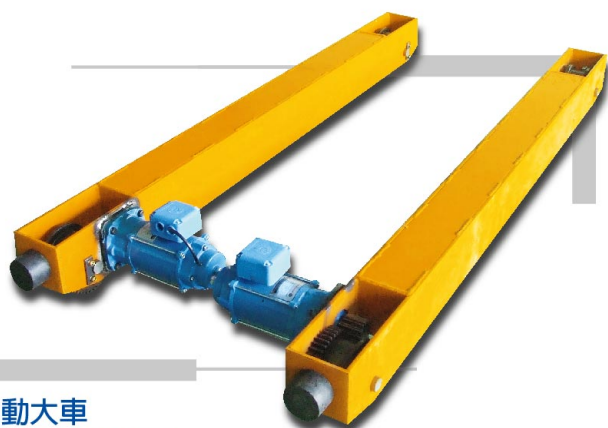


低舉型電動鏈條吊車規格尺寸 / LHR DIMENSIONS (mm)

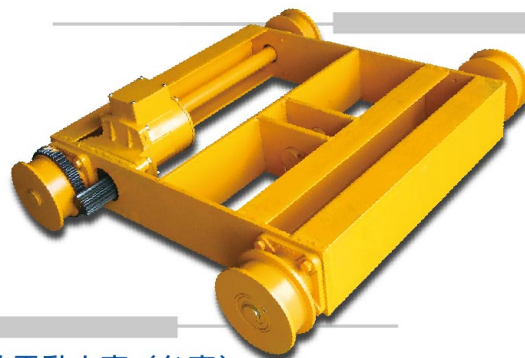
電動鍊條吊車 Electric Chain Hoist (Lifting)									單軌電動小車 Monorail Motorized Trolley (Travelling)																							
荷 重 Nominal Capacity (TON)	型 號 Model		每分吊昇速度(米/分)三相 Lifting Speed (m/min) 3 Phase				馬力 Lifting Motor (KW)		鏈條規格 吊數 Load Chain Dia. (mm)× Chain Falls	橫行速度(米/分)三相 Travelling Speed (m/min) 3 phase						橫行馬達 Travelling Motor (KW)			最小 回轉 半徑 Minimum Radius For Curve (mm)	跨距 Flange Width (mm)	最小 鉤距 Minimum Headroom (mm)	尺寸規格 Dimensions (mm)										
			50HZ		60HZ					50HZ			60HZ																			
	單速 Single Speed	雙速 Dual Speed	單速 Single Speed	雙速 Dual Speed	單速 Single Speed	雙速 Dual Speed	單速 Single Speed	雙速 Dual Speed		4P	6P	2P/6P	4P	6P	2P/6P	4P	6P	2P/6P				F	C	A	B	D	E	J				
	1	LHR0100L	LHR0100LD	4.7	4.7/1.6	5.6	5.6/1.8	1.5		1.5/0.5	φ7.1x1	18.75	12.5	20/6.6	22.5	15,12,8	24/8	0.4				0.3	0.4/0.13	1500	75-175	477	420	262	106	288	30	
	LHR0100H	LHR0100HD	6.7	6.7/2.2	8.0	8.0/2.6	1.7	2.2/0.7	φ7.1x2																							
2	LHR0200L	LHR0200LD	2.3	2.3/0.8	2.8	2.8/0.9	1.5	1.5/0.5		φ7.1x2	551								440	262	106				288	35						
		LHR0200H	LHR0200HD	3.3	3.3/1.1	4.0	4.0/1.3	1.7	2.2/0.7																							
3	LHR0300L	LHR0300LD	1.5	1.5/0.5	1.8	1.8/0.6	1.7			2.2/0.7	φ7.1x3							18.75	12.5	20/6.6	22.5	15,12,8	24/8	0.4	0.3	0.4/0.13	1800	100-200	594	525	262	106
		LHR0300H	LHR0300HD	2.2	2.2/0.7	2.6		2.6/0.9	3.7																							
2	LHR0200S	LHR0200SD	6.6	6.6/2.2	7.9	7.9/2.6	φ10.0x1																									
2.5	LHR0250S	LHR0250SD	5.3	5.3/1.8	6.4	6.4/2.1		φ11.2x1																								
3	LHR0300S	LHR0300SD	4.3	4.3/1.4	5.2	5.2/1.7				φ10.0x2																						
5	LHR0500S	LHR0500SD	2.6	2.6/0.9	3.2	3.2/1.0					φ11.2x2							0.75	0.6	0.75/0.25												

*在同等荷重下，吊車與小車可以任意搭配。

*Under the same rated capacity, you can match electric chain hoists with monorail motorized trolleys freely.



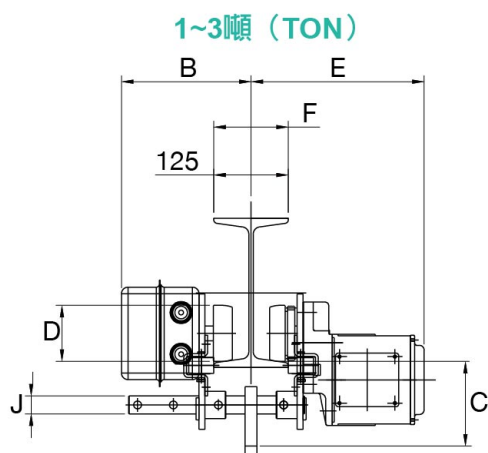
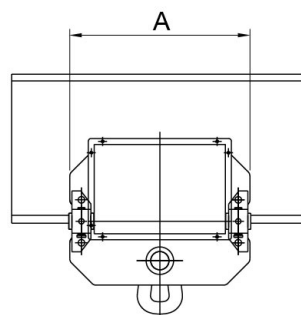
電動大車
END CARRIAGE



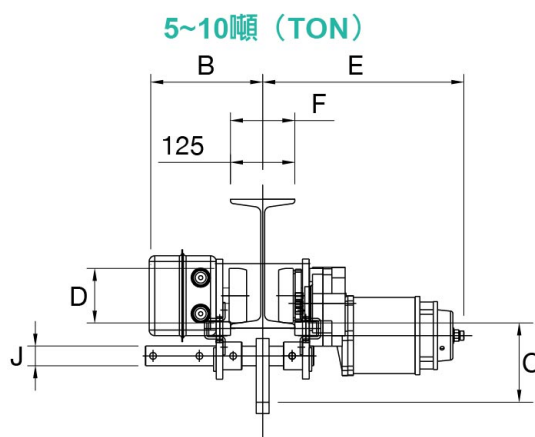
雙軌電動小車 (台車)
DOUBLE-RAIL TROLLEY



單軌電動小車
MONORAIL MOTORIZED TROLLEY



1~3噸 (TON)



5~10噸 (TON)

◎ 單軌電動小車規格尺寸 / USM DIMENSIONS (mm)

荷重 (TON)	型號 Model	橫行速度 (米/分) 三相 Travelling Speed (m/min) 3 phase						橫行馬力 (KW) Travelling Motor (KW)			最小 回轉半徑 Minimum Radius For Curve (mm)	跨 距 Flange Width (mm)	規格尺寸 Dimensions (mm)							
		50HZ			60HZ															
		單速 single speed		雙速 Dual speed	單速 single speed		雙速 Dual speed	單速 single speed		雙速 Dual speed										
		4P	6P	2/6P	4P	6P	2/6P	4P	6P	2/6P										
1	USM0100L	—	12.5	—	—	15,12,8	—	—	0.3	—	800	75-175	302	218	142	118	291	38		
	USM0100H	18.75	—	—	22.5	—	—	0.4	—	—						94		30		
	USM0100D	—	—	20/6.6	—	—	24/8	—	—	0.4/0.13						118				
2	USM0200L	—	12.5	—	—	15,12,8	—	—	0.3	—	1000		75-175	302	221	154	118	294	38	
	USM0200H	18.75	—	—	22.5	—	—	0.4	—	—							106			
	USM0200D	—	—	20/6.6	—	—	24/8	—	—	0.4/0.13							118			
3	USM0300L	—	12.5	—	—	15,12,8	—	—	0.3	—	1000	125-200		325	221	172	125	294	45	
	USM0300H	18.75	—	—	22.5	—	—	0.4	—	—							118			
	USM0300D	—	—	20/6.6	—	—	24/8	—	—	0.4/0.13										
Ton	Model	4P	6P	4/12P	4P	6P	4/12P	4P	6P	4/12P			F	A	B	C	D	E	J	
5	USM0500L	—	12.5	—	—	15,12,8	—	—	0.6	—	1500		150-200	400	228	220	139	409	55	
	USM0500H	18.75	—	—	22.5	—	—	0.75	—	—										
	USM0500D	—	—	18.75/6.25	—	—	22.5/7.5	—	—	0.66/0.22										
7.5	USM0750L	—	12.5	—	—	15,12,8	—	—	0.6	—	2000	150-300		445	231	105	169	412	70	
	USM0750H	18.75	—	—	22.5	—	—	0.75	—	—										
	USM0750D	—	—	18.75/6.25	—	—	22.5/7.5	—	—	0.66/0.22										
10	USM1000L	—	12.5	—	—	15,12,8	—	—	0.6	—			2000	150-300	540	238	105	200	418	70
	USM1000H	18.75	—	—	22.5	—	—	0.75	—	—										
	USM1000D	—	—	18.75/6.25	—	—	22.5/7.5	—	—	0.66/0.22										
單相 Single Phase																				
1	USM0100E	18.75	—	—	22.5	—	—	—	0.4	—	800	75-175	300		218	142	94	359	30	
2	USM0200E	18.75	—	—	22.5	—	—	—	0.4	—	1000		302		221	154	106	357	38	

一、負重支撐架：

LOAD SUPPORTING FRAME

- 由兩面S50C的鋼板所組成 (適用2噸單鏈及大噸位吊車)。

Constructed with two plates of S50C steel (2 Tons 1 Fall type & higher capacity).

- 鏈輪箱、齒輪箱B及鋼板A、B由FCD45鑄鐵一體成形 (適用3噸3條鏈及小噸位吊車)。

Chain wheel case, gear case B and load-supporting frame are constructed with one piece of FCD45 nodular cast-iron. (3 Ton 3 Falls type and lower capacity).

二、馬達剎車：利用磁力產生器（新型專利第 45572 號）之磁力於電源切斷時，能迅速產生剎車作用，構造簡易，可長時間使用。

MOTOR BRAKE

Fast-acting magnetic brake (ROC New Design Patent No.45572) cuts in when power supply is interrupted.

This system is simple but durable.

三、機械剎車：壽命甚長的機械式剎車裝置，與馬達剎車相輔使用，更能確保操作安全。

MECHANICAL BRAKE

Long-service, trouble-free mechanical brake. Together with motor brake, provides dual braking system to assure operating safety.

四、外殼：鋁合金馬達外殼，質輕、散熱性佳，整體密閉式設計。

HOUSING

The aluminum alloy motor housing is light in weight and provides good heat dissipation.

Fully-enclosed design.

五、逆相保護裝置：當電源線接錯誤時，不產生動作。

NEGATIVE PHASE DETECTOR

Motor will not run if power supply is wrongly wired ,

- 48V 降壓裝置：在操作時萬一開關漏電，可防止意外事故發生。

48V CONTROLLER VOLTAGE

Prevents injury in the event of current leakage from push-button control unit.

- 極限開關裝置：吊上吊下皆有極限開關裝置，以防止鏈條不順暢及脫落並確保安全。

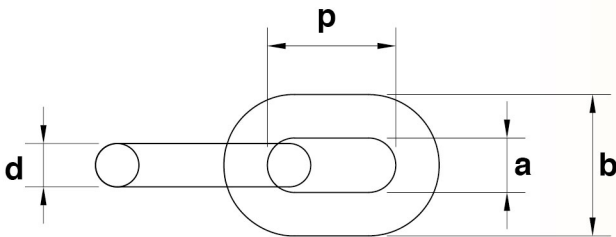
LIMIT SWITCHES

Limit switches limit vertical travel to prevent chain jamming or detachment and to assure safety.

六、鏈條採用日本進口 FEC80 超級強力熱處理合金鋼鏈條。

CHAIN

Japanese-made FEC 80 super alloy steel , heat-treated chain.



荷重	型號	直徑	內寬	外寬	內長	每米重量	使用荷重	安全荷重	破壞荷重
Hoist Capacity (Ton)	Model	d Trade Size (mm)	a Inside Width (mm)	b Outside Width (mm)	p Inside Length (mm)	Weight Per Meter (kg/m)	Working Load Limit (kgf)	Proof Load (kgf)	Breaking Load (kgf)
0.5	US0050L(D)/LHR0050L(D)	7.1	8.9	23.6	21.0	1.1	1600	3150	6300
	US0050H(D)/LHR0050H(D)								
1	US0100L(D)/LHR0100L(D)								
	US0100H(D)/LHR0100H(D)								
	US0100E								
2	US0200L(D)/LHR0200L(D)								
	US0200H(D)/LHR0200H(D)								
	US0200E								
3	US0300L(D)/LHR0300L(D)								
	US0300H(D)/LHR0300H(D)								
2	US0200S(D)/LHR0200S(D)	10.0	12.5	33.2	30.0	2.18	3150	6300	12500
3	US0300S(D)/LHR0300S(D)								
2.5	US0250S(D)/LHR0250S(D)	11.2	14.0	37.2	34.0	2.73	4000	8000	16000
5	US0500S(D)/LHR0500S(D)								
7.5	US0750S(D)								
10	US1000S(D)								
15	US1500S(D)								
20	US2000S(D)								

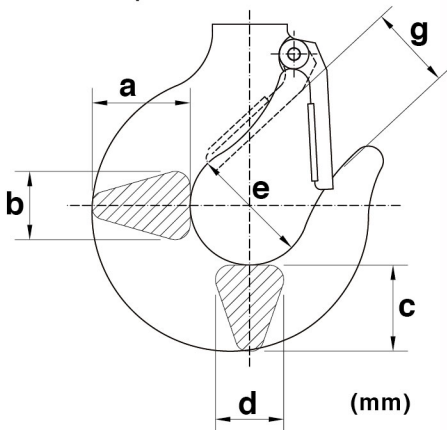
七、吊鉤：經熱鍛造，強韌度極佳，下吊鉤可旋轉 360 度並附安全舌片，確保安全。

HOOKS:

Hot forged, excellent strength and toughness.

Bottom hook swivels through 360 degrees.

Safety catches on top and bottom hooks.



荷重 (噸) Capacity (Ton)	T/B	a	b	c	d	e	g
0.5,1	T/B	33	23	29	23	40	29
2	T/B	45	31	41	31	46	37
3	T/B	55	34	48	34	52	40
5	T/B	67	45	60	45	62	46
7.5	T/B	85	60	78	60	80	55
10	T/B	100	70	95	65	100	64
15	T/B	120	87	110	85	120	82
20	T/B	140	100	130	95	140	105

上吊鉤： T...TOP HOOK 下吊鉤： B...BOTTOM HOOK