




LEVER HOIST K-V

MORE COMPACT & LIGHT WEIGHT
The Best Lever Hoist for Professional & Industrial Users

Main Features:

- **More compact**
- **Very robust but light weight**
- **Short lever handle**
New shape & thicker steel sheet 1.6 t & 2.5 t lever handle is slightly longer than 800kg only
- **Low headroom**
- **Grade 100 load chain**
- **Interchangeable parts for standard and overload protected hoist**
Change the standard hoist into overload protected hoist
Simply replace the #20 Change Over Gear into #20L Overload Protected Assembly
- **Reasonable pulling force to rated capacity**
More efficient to operate the hoist
- **#26 Cam can protect the hoist even the user wrongly put the loading on the end ring**
- **Each lever hoist is tested at 1.5 times of the rated capacity**
- **Complied with EN 13157**



- **Unique hand wheel & knob design** 
- **No preload required**
Unique free knob design different from conventional free wheel system
- **Innovated & patent fused brake disc**
Automotive technology 
- **Heavy duty cast latches**
- **Improved hook tip design**
Self-locking with cast latch
- **With caged roller bearings on load sprocket** 
- **Zinc plated load chain**

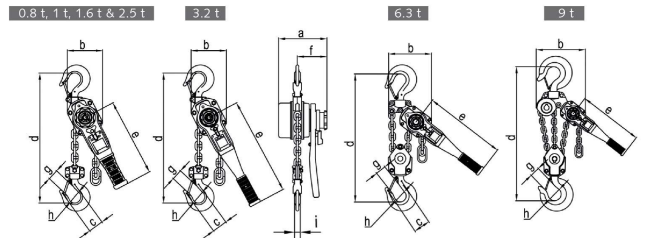
ZINC FLAKE COATING Finish for Important Parts

- Mainly used for automotive industry
- Due to corrosion accounting for the bulk of repair costs and the core of customer complaints
- It is the superior corrosion protection for the product
- Salt Spray Performance: >300 hours
(Zinc Plating about 30 hours)



Optional Features:

- #20L Overload protection system
- #36 Cast enlarged end ring
- #37 Thrust bearings in bottom hook assembly
- Shipyard hook 1.6 t & 3.2 t



Capacity (tonnes)	0.8	1	1.6	2.5	3.2	6.3	9
Product No.	KV008	KV010	KV016	KV025	KV032	KV063	KV090
No. of Falls	1	1	1	1	1	2	3
Load Chain Grade 100 (mm)	5.6x15.7	5.6x15.7	7.1x19.9	8.8x24.6	10x28	10x28	10x28
Pull to Rated Load (N)	243	301	339	386	388	398	392
Proof Load (tonnes)	1.2	1.5	2.4	3.8	4.8	9.5	13.5
Standard Lift (m)	1.5	1.5	1.5	1.5	1.5	1.5	1.5
Net Weight (kg)	5.7	5.9	8.0	11.2	13.6	26.0	40.0
Gross Weight (kg)	6.1	6.3	8.5	11.6	14.2	26.6	46.5
Extra Wt. per m (kg)	0.7	0.7	1.1	1.7	2.3	4.7	7
Dimensions	a (mm)	146	146	164	179	196	196
	b (mm)	119	119	126	150	159	218
	c (mm)	41.5	49.4	52	58.6	61.9	84.3
	d (mm)	280	300	335	375	395	540
	e (mm)	245	245	265	265	415	415
	f (mm)	96	96	100	103	114	114
	g (mm)	26.5	31.5	35.5	41	43	53
	h (mm)	35.5	42.5	42.5	47	50	60
	i (mm)	14	15	19	21	24.5	34

Comparison of Model KIT-III and K-V (%)

Type	KIT-III 008	K-V 008	KIT-III 015	K-V 016	KIT-III 030	K-V 025	KIT-III 030	K-V 032
Net Weight	-8.1		+16.7		-27.7			-3.2
Length of Lever Handle	-7.5		-36.1		-36.1			±0
Height of Lever Hoist	-5.9		-6.5		-11.3			-2.3
Min. Headroom between Hooks	±0		-4.3		-10.7			-6.0