CERTEX | Lifting Solutions Group
Axel Johnson International

Electric Chain Hoists Elephant Alpha 230 V

Product information



The Elephant Alpha 230 V electric chain hoists are compact and have a very low weight (aluminum housing). Popular hoist due to the high duty cycle in combination with a high lifting speed.

Features

- Slip clutch against overload.
- Self-locking brake that holds the load at any desired height.
- In case of overload, the hooks will gradually bend and do not suddenly break off.
- Galvanized load chain, class DAT (Grade 8).

Type description:

- **ALH** = 1 speed lifting.
- **ALHB** = 2 speed lifting.
- **ALHV** = Variable speed.

Technical specification:

- Insulation class B.
- FEM 9.511 motor: 1Am.
- Power supply 230VAC.
- Protection class IP54
- Control power supply 230VAC direct control.

Standard delivery

- 3 m lifting height (maximum distance between top and bottom hook).
- 1.8 m control cable, direct control.
- 4 m power cable.
- Plastic chain bucket up to 6 m chain, from 6 m chain plastic bag.

... *Read more*

Marking: According to standard, CE-mark
Standard: EN 818-7, EN 14492, EN 12100

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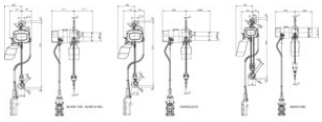
Blueprint



Technical data

Part code	WLL ton	Lifting height m	Lifting speed m/min	Number of falls	Model	Motor kW	Max. lifting height m	Lifting speed m/min.	Duty rating % ED	Load chain mm	Construction height mm	Weight kg
540100031520204	0.25	3	10	1	ALH/250KG/3M 230V	0.6	30	10	30	4.0 x 12	325	17
540100031550204	0.25	3	10/4	1	ALHB/250KG/3M 230V	0.6	30	10.0/4.0	30	4.0 x 12	325	17
540100031070204	0.25	3	1-10	1	ALHV/250KG/3M 230V	0.6	30	1~10.0	30	4.0 x 12	325	18
540105130094	0.25	4	10	1	ALH/250KG/4M 230V	0.6	30	10	30	4.0 x 12	325	19
540105130194	0.25	4	10/4	1	ALHB/250KG/4M 230V	0.6	30	10.0/4.0	30	4.0 x 12	325	19
540105131054	0.25	4	1-10	1	ALHV/250KG/4M 230V	0.6	30	1~10.0	30	4.0 x 12	325	20
540100031520205	0.25	5	10	1	ALH/250KG/5M 230V	0.6	30	10	30	4.0 x 12	325	21
540100031550205	0.25	5	10/4	1	ALHB/250KG/5M 230V	0.6	30	10.0/4.0	30	4.0 x 12	325	21
540100031070205	0.25	5	1-10	1	ALHV/250KG/5M 230V	0.6	30	1~10.0	30	4.0 x 12	325	22
540100031520206	0.25	6	10	1	ALH/250KG/6M 230V	0.6	30	10	30	4.0 x 12	325	23
540100031550206	0.25	6	10/4	1	ALHB/250KG/6M 230V	0.6	30	10.0/4.0	30	4.0 x 12	325	23
540100031070206	0.25	6	1-10	1	ALHV/250KG/6M 230V	0.6	30	1~10.0	30	4.0 x 12	325	24
540105130097	0.25	7	10	1	ALH/250KG/7M 230V	0.6	30	10	30	4.0 x 12	325	25
540105130197	0.25	7	10/4	1	ALHB/250KG/7M 230V	0.6	30	10.0/4.0	30	4.0 x 12	325	25

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540105131057	0.25	7	1-10	1	ALHV/250KG/7M 230V	0.6	30	1~10.0	30	4.0 x 12	325	26
540100031520207	0.25	8	10	1	ALH/250KG/8M 230V	0.6	30	10	30	4.0 x 12	325	27
540100031550207	0.25	8	10/4	1	ALHB/250KG/8M 230V	0.6	30	10.0/4.0	30	4.0 x 12	325	27
540100031070207	0.25	8	1-10	1	ALHV/250KG/8M 230V	0.6	30	1~10.0	30	4.0 x 12	325	28
540105130099	0.25	9	10	1	ALH/250KG/9M 230V	0.6	30	10	30	4.0 x 12	325	29
540105130199	0.25	9	10/4	1	ALHB/250KG/9M 230V	0.6	30	10.0/4.0	30	4.0 x 12	325	29
540105131059	0.25	9	1-10	1	ALHV/250KG/9M 230V	0.6	30	1~10.0	30	4.0 x 12	325	30
540100031520208	0.25	10	10	1	ALH/250KG/10M 230V	0.6	30	10	30	4.0 x 12	325	31
540100031550208	0.25	10	10/4	1	ALHB/250KG/10M 230V	0.6	30	10.0/4.0	30	4.0 x 12	325	31
540100031070208	0.25	10	1-10	1	ALHV/250KG/10M 230V	0.6	30	1~10.0	30	4.0 x 12	325	32
540100052290204	0.5	3	5	2	ALH/500KG/3M 230V	0.6	15	5	30	4.0 x 12	415	18
540100052310204	0.5	3	5/2	2	ALHB/500KG/3M 230V	0.6	15	5.0/2.0	30	4.0 x 12	415	18
540100052060204	0.5	3	0,5-5	2	ALHV/500KG/3M 230V	0.6	15	0.5~5.0	30	4.0 x 12	415	18
540105130114	0.5	4	5	2	ALH/500KG/4M 230V	0.6	15	5	30	4.0 x 12	415	20
540105130214	0.5	4	5/2	2	ALHB/500KG/4M 230V	0.6	15	5.0/2.0	30	4.0 x 12	415	20
540105131074	0.5	4	0,5-5	2	ALHV/500KG/4M 230V	0.6	15	0.5~5.0	30	4.0 x 12	415	20
540100052290205	0.5	5	5	2	ALH/500KG/5M 230V	0.6	15	5	30	4.0 x 12	415	22
540100052310205	0.5	5	5/2	2	ALHB/500KG/5M 230V	0.6	15	5.0/2.0	30	4.0 x 12	415	22
540100052060205	0.5	5	0,5-5	2	ALHV/500KG/5M 230V	0.6	15	0.5~5.0	30	4.0 x 12	415	22
540100052290206	0.5	6	5	2	ALH/500KG/6M 230V	0.6	15	5	30	4.0 x 12	415	24

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Part code	WLL ton	Lifting height m	Lifting speed m/min	Number of falls	Model	Motor kW	Max. lifting height m	Lifting speed m/min.	Duty rating % ED	Load chain mm	Construction height mm	Weight kg
540100052310206	0.5	6	5/2	2	ALHB/500KG/6M 230V	0.6	15	5.0/2.0	30	4.0 x 12	415	24
540100052060206	0.5	6	0,5-5	2	ALHV/500KG/6M 230V	0.6	15	0.5~5.0	30	4.0 x 12	415	24
540105130117	0.5	7	5	2	ALH/500KG/7M 230V	0.6	15	5	30	4.0 x 12	415	26
540105130217	0.5	7	5/2	2	ALHB/500KG/7M 230V	0.6	15	5.0/2.0	30	4.0 x 12	415	26
540105131077	0.5	7	0,5-5	2	ALHV/500KG/7M 230V	0.6	15	0.5~5.0	30	4.0 x 12	415	26
540100052290207	0.5	8	5	2	ALH/500KG/8M 230V	0.6	15	5	30	4.0 x 12	415	28
540100052310207	0.5	8	5/2	2	ALHB/500KG/8M 230V	0.6	15	5.0/2.0	30	4.0 x 12	415	28
540100052060207	0.5	8	0,5-5	2	ALHV/500KG/8M 230V	0.6	15	0.5~5.0	30	4.0 x 12	415	28
540105130119	0.5	9	5	2	ALH/500KG/9M 230V	0.6	15	5	30	4.0 x 12	415	30
540105130219	0.5	9	5/2	2	ALHB/500KG/9M 230V	0.6	15	5.0/2.0	30	4.0 x 12	415	30
540105131079	0.5	9	0,5-5	2	ALHV/500KG/9M 230V	0.6	15	0.5~5.0	30	4.0 x 12	415	30
540100052290208	0.5	10	5	2	ALH/500KG/10M 230V	0.6	15	5	30	4.0 x 12	415	32
540100052310208	0.5	10	5/2	2	ALHB/500KG/10M 230V	0.6	15	5.0/2.0	30	4.0 x 12	415	32
540100052060208	0.5	10	0,5-5	2	ALHV/500KG/10M 230V	0.6	15	0.5~5.0	30	4.0 x 12	415	32

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