

Selection guide for electric chain hoists



Elephant FAH/FBH | 400 V

A popular, sturdy chain hoist with limit switches, plug connections and a 24 V control voltage. The FAH has a single hoisting speed and the FBH has two hoisting speeds.

Main features

The high duty cycle and high speed ensure trouble-free operation and a long service life.

500 kg - 3.000 kg



Elephant ALHVDH | 230 V

Compact aluminium electric chain hoist with positioning options for the load hook with variable speed.

Main features

Intended for situations where a lot of freedom of movement is required to position and/or move loads. Can be used in varius applications to its high duty cycle and high hoisting speed.

250 kg

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Elephant ALH/ALHB/ALHV | 230 V

A compact aluminium electric chain hoist with a low weight, available in three different versions. The ALH has one hoisting speed, the ALHB has two hoisting speeds and the ALHV has a variable hoisting speed.

Main features

Thanks to its high duty cycle in combination with the high hoisting speeds, it is suitable for a wide variety of uses. For loads up to 500 kg.

100 kg - 500 kg



REMA SR | 400 V 125 kg - 6.300 kg REMA SR | 230 V 250 kg - 2.000 kg

400V is available as a direct-controlled model and as a 24V control voltage, 230V is only available in 24V control model including limit switches.

Main features

Thanks to the wide choice of options, such as different hoisting speeds, duty cycles and voltages, it is suitable for a wide variety of applications.

125 kg - 6.300 kg

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Elephant Beta | 230 V

An extremely compact aluminium electric chain hoist with an extremely low weight (7.5 kg) with a 3 m lifting height. It is one of the lightest mobile electric chain hoist on the market.

Main features

Ideal for installation and assembly work. Suitable for being carried in a service vehicle, thanks to its small dimensions and very low weight.

125 kg - 200 kg



REMA LK-13 | 400 V / 24 V

Electric chain hoist for heavy loads, with a 24 V control voltage and limit switches for the highest and lowest load hook positions.

Main features

Thanks to the long duty cycle of this type of hoist, it is suitable for applications where greater hoisting heights need to be traversed with heavy loads.

5.000 kg - 12.500 kg

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Checklist when acquiring an electric hoist

- \blacksquare Type of hoist (Elephant ALC | ALH | ALHB | FAH | FBH | ALHVDH | REMA SR | REMA LK-13)
- ☐ Lifting capacity
- ☐ Lifting height
- ☐ Operating height
- ☐ Lifting speed (1 or 2 speeds)
- \square Duty period, is this intensive use or not.
- Supply voltage (230 V or 400 V)
- ☐ Control (direct or 24 V controlled)
- ☐ Limit switches or not (standard for 24 V, only applies to REMA SR)

- □ Type of suspension (hook/eye suspension or in combination with a trolley)
- ☐ With or without trolley
- Type of trolley
- ☐Track height
- ☐ Trolley travel speed (1 or 2 speeds)
- ☐ Trolley flange width
- ☐ Integrated with hoist
- □ Supply cable (round or flat cable)
- ☐ Cable track length (power cable/live conductor)

Elephant electric chain hoist FAH 400 V 1 speed / FBH 2 speed



The 400 V electric chain hoists are extremely solid and have a robust sheet steel housing. Very popular as it is ready to use with limit switches, 24 V control voltage, controlunit and plug connections. The high duty cycle and high lifting speed ensure trouble-free operation and a long service life.

Properties

- Slip clutch against overload.
- Brake that holds the load at any desired height.
- Limit switches for highest and lowest hook positions.
- Operation 24 Volt control voltage.
- Power and control cables are equipped with plug connection.
- Phase protection against incorrect rotation of the motor.
- Galvanized load chain, Class DAT (Grade 8).
- Operating voltage 400 VAC / 50 Hz.
- In case of overload, the hooks will gradually bend and do not suddenly break off.

Standard delivery

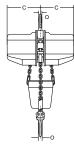
- 3 m lifting height (max. between top and bottom hook).
- 1.8 m control cable.
- Limit switches highest and lowest hook position.
- Push-button 24 V control unit.
- 4 m power cable.
- Chain bucket for 3 m lifting height.
- Trolley not included.

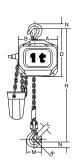
Option

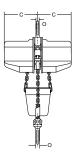
- Increased lifting and/or control height.
- Larger chain bag > 3 m lifting height.
- Wireless remote control.
- Push / electric trolley.
- 440 V / 60 Hz on request

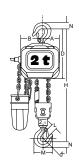
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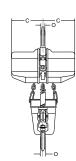


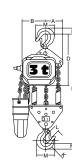


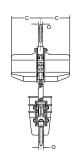












Туре	WLL (kg)	Lifting speed (m/min)	Duty cycle 120 sch/h (%)	Load chain (mm)	Number of falls	Max. lifting height (m)	Construction height (mm)	Power output (kW)	Weight (kg)	ProductId
FAH05/500	500	7.0	40	6,3 x 19,1	1	30	480	0.9	43	0515001
FAH10/1000	1.000	7.6	40	7,1 x 21,2	1	30	570	1.6	56	0515003
FAH20/2000	2.000	3.8	40	7,1 x 21,2	2	15	710	1.6	64	0515005
FAH30/3000	3.000	2.5	40	7,1 x 21,2	3	10	810	1.6	83	0515007
FBH05/500	500	7.0/1.8	40/20	6,3 x 19,1	1	30	480	0.9/0.25	44	0512013
FBH10/1000	1.000	7.6/1.9	40/20	7,1 x 21,2	1	30	570	1.6/0.4	57	0512015
FBH20/2000	2.000	3.8/1.0	40/20	7,1 x 21,2	2	15	710	1.6/0.4	65	0512017
FBH30/3000	3.000	2.5/0.6	40/20	7,1 x 21,2	3	10	810	1.6/0.4	84	0512019

Туре	A (mm)	B (mm)	(mm)	D (mm)	H (mm)	K (mm)	L (mm)	M (mm)	N (mm)	0 (mm)	Isolation class	Current (V)	Protection class IP	FEM 9.511 lifting motor
FAH/FBH05/500	161	124	224	311	480	36	26	86	24	19	Е	400	IP54	1Am
FAH/FBH10/1000	170	128	239	348	570	43	33	107	31	23	Е	400	IP54	1Am
FAH/FBH20/2000	133	165	239	372	710	53	42	144	44	30	Е	400	IP54	1Am
FAH/FBH30/3000	148	208	239	427	810	60	50	165	49	35	Е	400	IP54	1Am

Elephant Alpha 230 V electric chain hoists



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.

Properties

- 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).

Technical specification:

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

Type description:

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

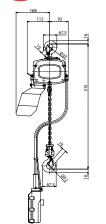
Standard delivery

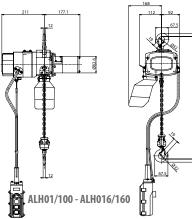
- 3 m lifting height (maximum distance between top and bottom hook).
- 1.8 m control cable, direct control.
- 4 m power cable.
- Chain bucket up to 6 m chain, from 6 m chain bag.
- Trolley not included.

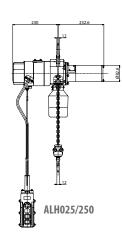
Option

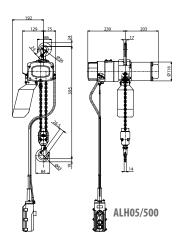
- Other hoisting and operating height is also possible.
- Larger chain container > 3 m.
- Wireless remote control exept ALHV.
- Push trolley.

Norm:









Туре	WLL (kg)	Lifting speed (m/min)	Duty cycle 120 sch/h (%)	Load chain (mm)	Number of falls	Max. lifting height (m)	Construction height (mm)	Power output (kW)	Weight (kg)	ProductId
ALH01/100	100	13.0	30	4 x 12	1	30	325	0.3	15	0513005
ALH016/160	160	15.0	30	4 x 12	1	30	325	0.6	17	0513007
ALH025/250	250	10.0	30	4 x 12	1	30	325	0.6	17	0513009
ALH05/500	500	5.0	30	4 x 12	2	15	415	0.6	20	0513011
ALHB01/100	100	13.0/4.0	30	4 x 12	1	30	325	0.3	15	0513015
ALHB016/160	160	15.0/5.0	30	4 x 12	1	30	325	0.6	17	0513017
ALHB025/250	250	10.0/4.0	30	4 x 12	1	30	325	0.6	17	0513019
ALHB05/500	500	5.0/2.0	30	4 x 12	2	15	415	0.6	20	0513021
ALHV01/100	100	1~13.0	30	4 x 12	1	30	325	0.3	15	0513101
ALHV016/160	160	1~15.0	30	4 x 12	1	30	325	0.6	17	0513103
ALHV025/250	250	1~10.0	30	4 x 12	1	30	325	0.6	17	0513105
ALHV05/500	500	0.5~5.0	30	4 x 12	2	15	415	0.6	20	0513107

Elephant Alpha 400 V electric chain hoist



The Elephant Alpha 400 V electric chain hoists are compact and very low in weight (aluminium housing). Can be used in many situations due to high duty cycle in combination with a high lifting speed.

Properties

- 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).

Technical specification:

- Insulation class E.
- FEM 9.511 motor: 2m.
- Power supply 400VAC.
- Protection class IP54.
- Control power supply 24VAC.

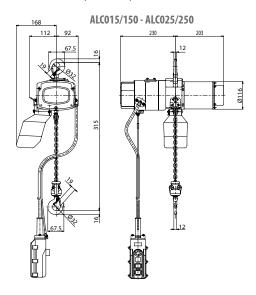
Standard delivery

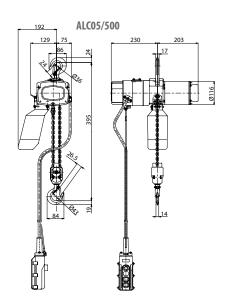
- 3 m lifting height (maximum distance between top and bottom hook).
- 1.8 m control cable.
- 24V pendant control station.
- 4 m power cable.
- Plastic chain bucket up to 6 m chain, from 6 m chain bag.
- Trolley not included.

Option

- Other hoisting and operating height is also possible.
- Larger chain bag > 3 m.
- Push trolley.
- Electric trolley, 1 speed 10m/min.

Norm:





Туре	WLL (kg)	Lifting speed (m/min)	Duty cycle 120 sch/h (%)	Load chain (mm)	Number of falls	Max. lifting height (m)	Construction height (mm)	Power output (kW)	Weight (kg)	ProductId
ALC015/150	150	9	40	4 x 12	1	30	325	0.55	18	0514001
ALC025/250	250	9	40	4 x 12	1	30	325	0.55	18	0514003
ALC05/500	500	4.5	40	4 x 12	2	15	415	0.55	22	0514005

Elephant BETA electric chain hoist



Only weighs

7,5 kg 3m lifting height The Elephant Beta 230 VAC electric chain hoists are light weight, compact and ideal for light installation work.

Properties

- Slip clutch for overload prevention
- Self-locking brake that will hold the load at any required height
- Very low own weight, only 7.5 kg.
- Very compact.
- In case of overload, the hooks will gradually bend and do not suddenly break off.
- Grade 10 load chain.

Technical specification:

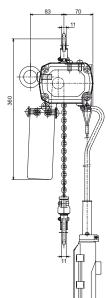
- Insulation class B.
- FEM 9.511 motor: 1Am.
- Power supply 230VAC.
- Protection class IP54
- Control power supply 230VAC direct control.

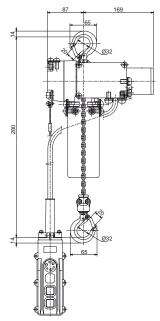
Standard delivery

- 3 m lifting height (maximum distance between top and bottom hook).
- 1.8 m control cable, direct control.
- 3 m power cable.
- Chain bag max 10 m.
- Exclusive trolley.

- Other hoisting and operating height is also possible.
- Push trolley.

Norm:





Туре	WLL (kg)	Lifting speed (m/min)	Duty cycle sw/h (%)	Load chain (mm)	Number of falls	Max. lifting height (m)	Construction height (mm)	Power (kW)	Weight (kg)	ProductId
BETA-H/125KG	125	6.5	150 (25)	3 x 9	1	10	280	0.18	7.5	0511001
BETA-H/200KG	200	3.8	150 (25)	3 x 9	1	10	280	0.18	7.5	0511003



Elephant Alpha ALHVDH 230V electric chain hoist



The ALHVDH 230 V electric chain hoist is a compact chain hoist.

The ALHVDH has a very low own weight (aluminum house). Can be used in many applications due to the high duty cycle in combination with a high lifting speed.

Properties

- Operation at the lower hook.
- Variable speed adjustable by turning the handle.
- Spiral control cable around the load chain.
- 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 abruptly break off.
- Galvanized load chain, class DAT (Grade 8).

Technical specification:

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

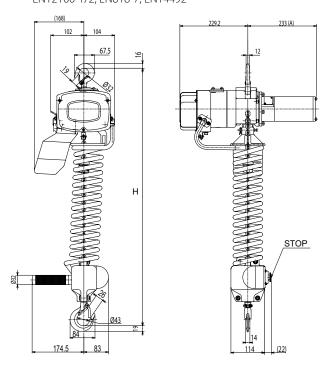
Standard delivery

- 2,5 m lifting height (H=max distance between top and lower hook).
- 4 m power cable.
- Plastic chain bucket for 3 m lifting height.
- Exclusive trolley.

Option

- Push trolley.

Norm:



Туре	WLL (kg)	Lifting speed (m/min)	Duty cycle 120 sch/h (%)	Load chain (mm)	Number of falls	Max. lifting height (m)	Construction height (mm)	Power output (kW)	Weight (kg)	ProductId
ALHVDH/250	250	0.9~10	25	4 x 12	1	2.5	673	0.6	22	0513205

SR 24V low voltage control electric chain hoist



REMA SR is technically advanced electric chain hoist with the most important advantages being the very high duty cycle and modular construction.

Properties

- 400 V, 3 Ph, 50 Hz, 24 V control voltage IP 55, isolation class F.
- Equipped with limit switches for highest and lowest hook position.
- Very low construction height
- Very high duty cycle due to air-cooled motor.
- User-friendly and maintenance-friendly due to modular design.
- Patented braking system that holds the load at any desired height.
- Slip clutch against overload.
- Due to the modular design, the motor, closed drive, brake and drive motor can be replaced independently of each other.
- Simple and quick to build from single-fall to double-fall hoist.
- Load chain Class DAT (Grade 8).

Standard delivery

- 3 m lifting height (max distance between top and bottom hook).
- Control height of 1,8 meter.
- *Model 110/111 supplied with one hole suspension plate.
- 1 m power cable.
- Chain bag.
- Trolley not included.

Option

- Higher lifting and control heights.
- Bigger chain bag.
- Other operating voltages and frequencies are available.
- Wireless remote control.
- Push or electric trolley.

Norm:

- EN12100-1/2, EN818-7, EN14492



Option on request

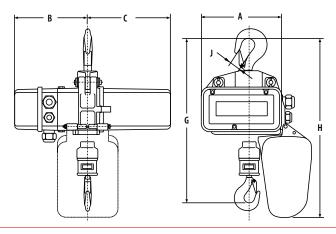


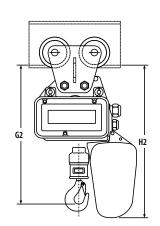
Option: electric hoist with electric trolley



Туре	WLL (kg)	Lifting speed (m/min)	Number of falls	Load chain (mm)	FEM 9.511 lifting motor	Duty cycle (ED%-sw/h)	Motor output (kW)	Standard chain container lifting height (m)	(A) Larger- chain bucket lifting height (m)	Trolley type	Weight (kg)	Productid
SR030/62-125KG-24V	125	8	1	5.2 x 15	4m	60/360	0.55	8	30	500	16	0851000
SR031/53-125KG-24V	125	8/2	1	5.2 x 15	4m	60/40/360	0.32/0.08	8	30	500	16	0851001
SR031/51-250KG-24V	250	8/2	1	5.2 x 15	3m	50/25/300	0.32/0.08	8	30	500	17	0851003
SR030/64-250KG-24V	250	8	1	5.2 x 15	3m	50/300	0.55	8	30	500	17	0851006
SR031/51-500KG-24V	500	4/1	2	5.2 x 15	3m	50/25/300	0.32/0.08	4	15	500	18	0851009
SR030/52-500KG-24V	500	8	1	5.2 x 15	1Bm	40/240	0.7	8	25	2000	18	0861013
SR071/54-500KG-24V	500	8/2	1	7.2 x 21	2m	60/25/240	0.9/0.2	5	17	2000	45	0861016
SR030/52-1000KG-24V	1000	4	2	5.2 x 15	1Bm	40/240	0.7	4	12	2000	20	0861015
SR071/55-1000KG-24V	1000	6/1.5	1	7.2 x 21	2m	60/25/240	1.1/0.2	5	17	2000	45	0861029
SR070/55-1000KG-24V	1000	6	1	7.2 x 21	2m	40/240	1.1	5	17	2000	45	0851033
SR091/55 1600KG-24V	1600	8/2	1	9.0 x 27	2m	60/25/240	3/0.75	10	18	3200	78	0861044
SR071/55-2000KG-24V	2000	3/0.75	2	7.2 x 21	2m	60/25/240	1.1/0.2	4	8	2000	53	0861031
SR070/53-2000KG-24V	2000	5	2	7.2 x 21	1Am	60/240	1.7	4	8	2000	53	0861035
SR111/52-2500KG-24V*	2500	10/2.5	1	11.3 x 31	2m	40/25/150	4.4/1.1	6	12	6300	108	0861053
SR091/55-3200KG-24V	3200	4/1	2	9.0 x 27	2m	60/25/240	3/0.75	5	9	3200	88	0861046
SR111/54-3200KG-24V*	3200	8/2	1	11.3 x 31	1Bm	25/25/150	4.4/1.1	6	12	6300	108	0861057
SR110/52-5000KG-24V*	5000	5	2	11.3 x 31	2m	60/240	4	3	6	6300	107	0861051
SR111/52-5000KG-24V*	5000	5/1.25	2	11.3 x 31	2m	40/25/150	4.4/1.1	3	6	6300	125	0861055
SR111/54-6300KG-24V*	6300	4/1	2	11.3 x 31	1Bm	25/25/150	4.4/1.0	3	6	6300	125	0861059

Туре	A (mm)	B (mm)	(mm)	G (mm)	G2 (mm)	H (mm)	H2 (mm)	J (mm)
SR030/62-125KG-24V	212	192	220	437	409	547	516	20
SR031/53-125KG-24V	212	192	220	437	409	547	516	20
SR031/51-250KG-24V	212	192	220	437	409	547	516	20
SR030/64-250KG-24V	212	192	220	437	409	547	516	20
SR031/51-500KG-24V	212	192	220	485	454	547	516	22
SR030/52-500KG-24V	212	192	220	437	409	547	516	20
SR071/54-500KG-24V	266	232	274	500	460	607	567	22
SR030/52-1000KG-24V	212	192	220	485	454	547	516	22
SR071/55-1000KG-24V	266	232	274	500	460	607	567	22
SR070/55-1000KG-24V	266	232	274	500	460	607	567	22
SR091/55 1600KG-24V	359	283	359	615	548	746	680	28
SR071/55-2000KG-24V	266	232	274	601	561	607	567	28
SR070/53-2000KG-24V	266	232	274	601	561	607	567	28
SR111/52-2500KG-24V*	359	291	410	732	678	792	738	30
SR091/55-3200KG-24V	359	283	359	723	655	746	680	30
SR111/54-3200KG-24V*	359	291	410	732	678	792	738	30
SR110/52-5000KG-24V*	359	291	367	861	807	792	738	42
SR111/52-5000KG-24V*	359	291	410	861	807	792	738	42
SR111/54-6300KG-24V*	359	291	410	861	807	792	738	42





REMA SR electric chain hoist 230/24 Vac



Series SR 230 V electric chain hoists are available in several designs and they have the same advantages as standard 400V models i.e. safety slip clutch/brake assembly, low construc-tional height etc. For the 1-phase connection, wire having a minimum cross-section of 2.5 mm². For power distribution at building sites, use connection cables of as short as possible to minimize voltage drop.

Properties

- 230VAC, 1 phase, 50Hz, connection is to made using a wire of at least 2.5 mm².
- 24VAC control voltage including limit switch up and down.
- Advanced motors having high thermal load capacities.
- Long switch-on periods to facilitate high lifting height.
- Maximum safety due to the patented slip clutch/brake assembly.
- The brake holds loads at any desired height.
- At the top and bottom hook positions, switch-off at limit points is ensured by a slip clutch.
- Mounted with a fixed suspension or combined with a push trolley.
- Load chain (grade 8 in compliance with EN 818/7).

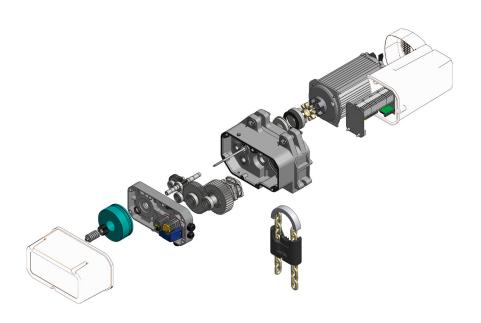
Standard delivery

- 3 m lifting height (maximum distance between top and bottom hook).
- 1.8 m control cable with push-buttons 24VAC
- Includes limit switches.
- 1 m power cable.
- Chain bag.
- Trolley not included.

Option

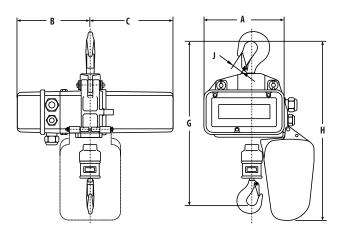
- Any other hoisting and operating height is also possible.
- Larger chain bag.
- Wireless remote control.
- Thermal protection against electrical overload.
- Pushing trolleys.

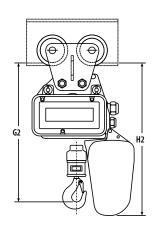
Norm:



Туре	WLL (kg)	Lifting speed (m/min)	Number of falls	Load chain (mm)	FEM 9.511 lifting motor	Duty cycle (ED%-sw/h)	Motor output (kW)	Standard chain container lifting height (m)	(A) Larger- chain bucket lifting height (m)	Trolley type	Weight (kg)	ProductId
SR030/01-250KG-24V	250	8	1	5.2 x 15	1Bm	25/150	0.35	8	30	HFN500	16	0801202
SR030/01-500KG-24V	500	4	2	5.2 x 15	1Bm	25/150	0.35	4	15	HFN500	17	0801204
SR050/02-500KG-24V	500	8	1	5.2 x 15	1Bm	25/150	0.7	8	25	HFN2000	33	0801207
SR050/02-1000KG-24V	1000	4	2	5.2 x 15	1Bm	25/150	0.7	4	12	HFN2000	35	0801209
SR070/01-1000KG-24V	1000	6	1	7.2 x 21	1Bm	25/150	1.1	5	17	HFN2000	36	0801215
SR070/01-2000KG-24V	2000	3	2	7.2 x 21	1Bm	25/150	1.1	4	8	HFN2000	41	0801217
Tyne		Λ	R			6		52	н	нэ		1

Туре	A (mm)	B (mm)	(mm)	G (mm)	G2 (mm)	H (mm)	H2 (mm)	J (mm)
SR030/01-250KG-24V	212	192	220	437	406	487	456	20
SR030/01-500KG-24V	212	192	220	485	454	487	456	22
SR050/02-500KG-24V	266	232	274	465	449	520	505	20
SR050/02-1000KG-24V	266	232	274	513	497	520	505	22
SR070/01-1000KG-24V	266	232	274	500	460	547	507	22
SR070/01-2000KG-24V	266	232	274	601	561	607	567	28





REMA LK 400/24 V heavy duty electric chain hoist

The REMA LK has proven to be a reliable and safe electric chain hoist under the most difficult conditions and circumstances.



Properties

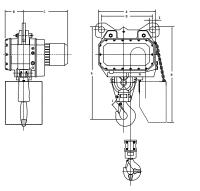
- Very high lifting capacities for electric chain hoists up to 12.5 tonnes.
- Patented braking system that holds the load at any desired height.
- Slip clutch against overload of the hoist.
- With gear limit switch 4 positions, not adjusted.
- High duty cycle combined with high lifting speeds.
- Galvanized load chain, class DAT (Grade 8).

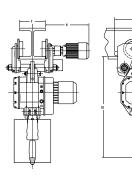
Standard delivery

- 3 m lifting height (maximum distance between suspension link and lower hook).
- 1.8 m control cable with push button.
- Push button switch box 24VAC control voltage.
- 1 m power cable.
- Chain bag.
- 2-hole suspension plate.
- Trolley not included.

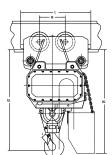
Option

- Any other hoisting and operating height is also possible.
- Larger chain bag.
- Other voltages and frequencies available.
- Wireless remote control.
- Hook suspension.
- Electric trolley.
- Capacities above 12.5 tons to 25 tons on request.





Standard chain



Norm:

туре	(kg)	speed (m/min)	of falls	(mm)	9.511 lifting motor	(ED%-sw/	/h) o	utput (kW)	container lifting height (m)	Larg b liftin	erchain ucket g height (m)	type	(kg)	rioductiu
LK13/5000	5.000	5.6/1.4	1	16 x 45	1Am	60/40/1	80 6	.0/1.3	10		16	12500	242	0803037
LK13/6300	6.300	5.6/1.4	1	16 x 45	1Bm	60/40/1	50 6	.4/1.6	10		16	12500	242	0803039
LK13/8000	8.000	2.8/0.7	2	16 x 45	2m	60/40/2	40 6	.0/1.3	5		8	12500	260	0803041
LK13/10000	10.000	2.8/0.7	2	16 x 45	1Am	60/40/1	80 6	.0/1.3	5		8	12500	260	0803043
LK13/12500	12.500	2.8/0.7	2	16 x 45	1Bm	60/40/1	50 6	.4/1.6	5		8	12500	260	0803045
Туре	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	G2 (mm	H) (mm)	H2 (mm)	J (mm)	L (mm)	M (mm)	N (mm)
LK13/5000	567	183	434	500	66	140-310	823	901	957	1036	42	700	256	430
LK13/6300	567	183	434	500	66	140-310	823	901	957	1036	42	700	256	430
LK13/8000	567	183	434	500	66	140-310	916	994	957	1036	52	700	256	430
LK13/10000	567	183	434	500	66	140-310	916	994	957	1036	52	700	256	430
LK13/12500	567	183	434	500	66	140-310	916	994	957	1036	52	700	256	430