

EK Series

Mini Electric Chain Hoist

EK系列微型环链电动葫芦



型号/MODEL: EK250

起升速度/LIFTING SPEED: 4M/MIN

起升重量/SAFE WORKING LOAD: 250KG

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产品简介

- 机身金属外壳，结实耐用。机身小巧，满足低净空要求。
- 安全可靠的断电抱死刹车，设计简单，不需要更换刹车盘。
- 马达带有散热风扇，适合高频率作业。
- 手柄，控制器均可控制，满足单台或是多台使用要求。
- 紧凑的上下断电开关,能有效的防止冲顶，以及提供最大扬程，使用更加安全。
- 配有专业的链条兜收纳链条，吊钩也设有防脱钩装置，使用安全系数高。
- 设计独特的80级链条，镀锌、黑色可选,配合合金钢制造的起重链轮，运行平稳且噪音低，满足使用要求。
- 满足大部分舞台使用场景，机身小巧、外形美观，操作方便、性价比高。

Product Introduction

- Metal body shell, strong and durable. Compact body to meet the requirements of low headroom.
- Safe and reliable power off locked brake, simple design, no need to replace the brake disc.
- Motor with cooling fan, suitable for high frequency operation.
- Handle and controller can be respectively controlled, meet the requirements of single or multiple use of hoist.
- Compact up and down power off switch, can effectively prevent collision, and provide maximum lifting distance, safer to use.
- Equipped with a professional chain bag to store chains, the hook is also equipped with an anti-detaching device, higher safety factor.
- Uniquely designed G80 chain, galvanized, black optional, with lifting sprockets made of alloy steel. Smooth operation with lower noise, meet the requirements of use.
- Meet the requirements of most stage scenarios, small body, beautiful appearance, easy to operate, high cost performance.

标准配置

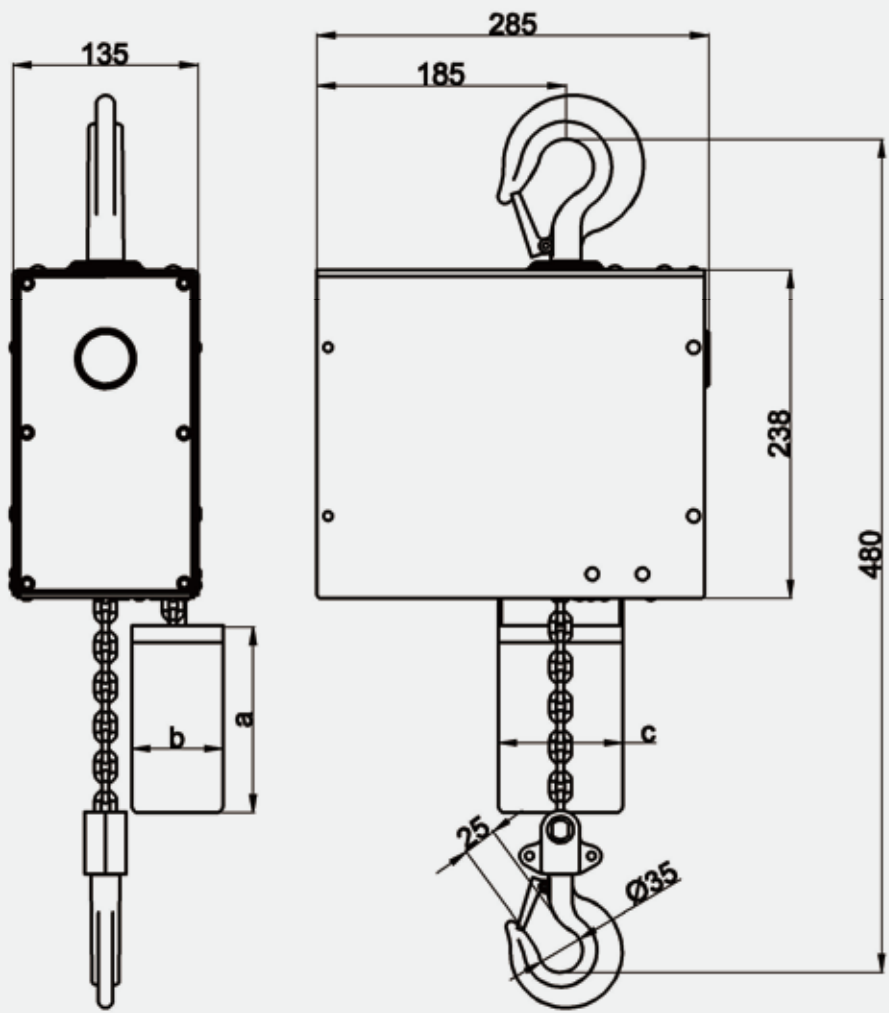
- 设备型号: EK 250
- 起重量(kg): 250
- 提升速度 (m/min): 4
- 直接控制: 110v-220V 1Ph 50Hz
- 36V控制, 1m电源线, 1m控制线
- 链条尺寸 EN818-7 (mm): 5*15
- 链条重量 (Kg/m): 0.55
- 链条等级: 80
- 链条表面: 发黑
- 导链器: 带有5个链窝链轮的精密导链器
- 链条行数: 1
- 链条动态安全系数: 最小值5:1
- 满载噪音 (dB): ≤ 70
- 制动器: 1个交流制动
- 吊钩: 1个下/可旋转
- 悬挂方式: 吊钩悬挂
- 安装方式: 固定
- 塑料手柄: 自带
- 防护等级: IP54
- 不含链条的重量 (kg): 16.8
- 电机功率 (KW): 0.51
- 电流消耗 (A): 2.3
- 机械等级: FEM9.511
- 颜色: 黑色, 色号RAL9005 哑光
- 带上下断电限位

Standard Version

- Equipment model: EK 250
- Lifting capacity(kg): 250
- Lifting speed(m/min): 4
- Direct control: 110v-220V 1Ph 50Hz
- 36v control ,1 meter power cable ,1 meter control wire
- Chain size EN818-7 (mm): 5*15
- Chain weight (Kg/m): 0.55
- Chain grade: 80
- Chain surface: black
- Chain guide : precise chain guide with 5 lifting sprockets
- Chain falls: 1
- Chain dynamic safety factor: minimum value 5:1
- Full load noise level (dB): ≤ 70
- Brake: 1 AC brake
- Hook: 1 down / turnable
- Suspension mode: hook suspension
- Installation mode: fixed
- Plastic handle: with
- Protection grade:IP54
- Weight without chain (Kg): 16.8
- Motor power (KW): 0.51
- Current consumption (A): 2.3
- Mechanical grade: FEM9.511
- Color: black ,RAL 9005 matt
- With up and down power off limits

电动葫芦尺寸表/ELECTRIC CHAIN HOIST SIZE

图1/Figure 1



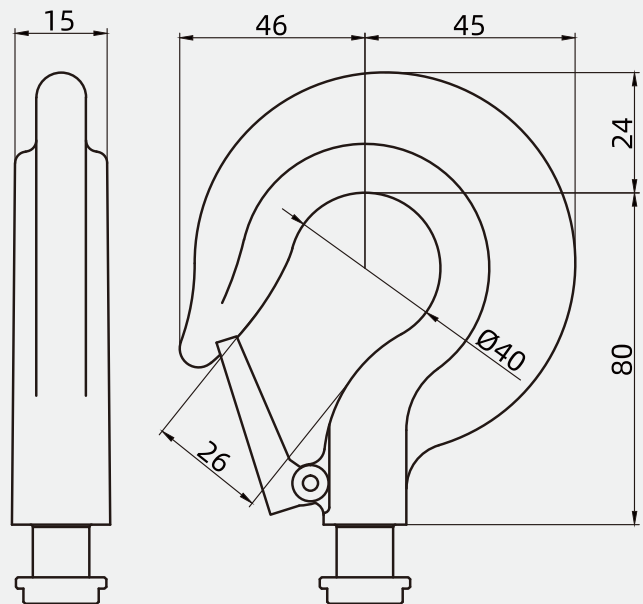
链条袋规格/CHAIN BAG SPECIFICATION			
链条长度 CHAIN LENGTH(m)	链条袋尺寸/CHAIN BAG SIZE(mm)		
	a	b	c
6	200	75	120
12	300	75	120
30	350	75	175

注：单位mm/Note:Unit mm

吊钩组件/HOOK ASSEMBLY

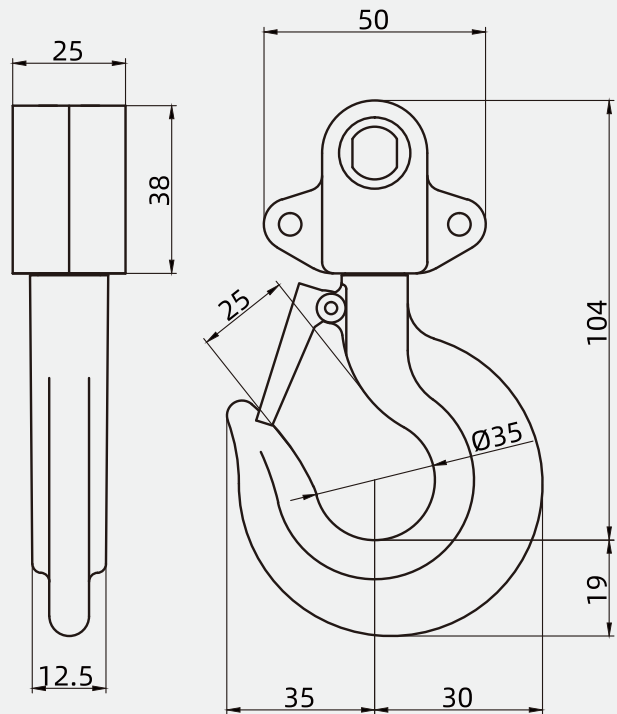
上钩组件/Component of the upper hook

图4/Figure 4



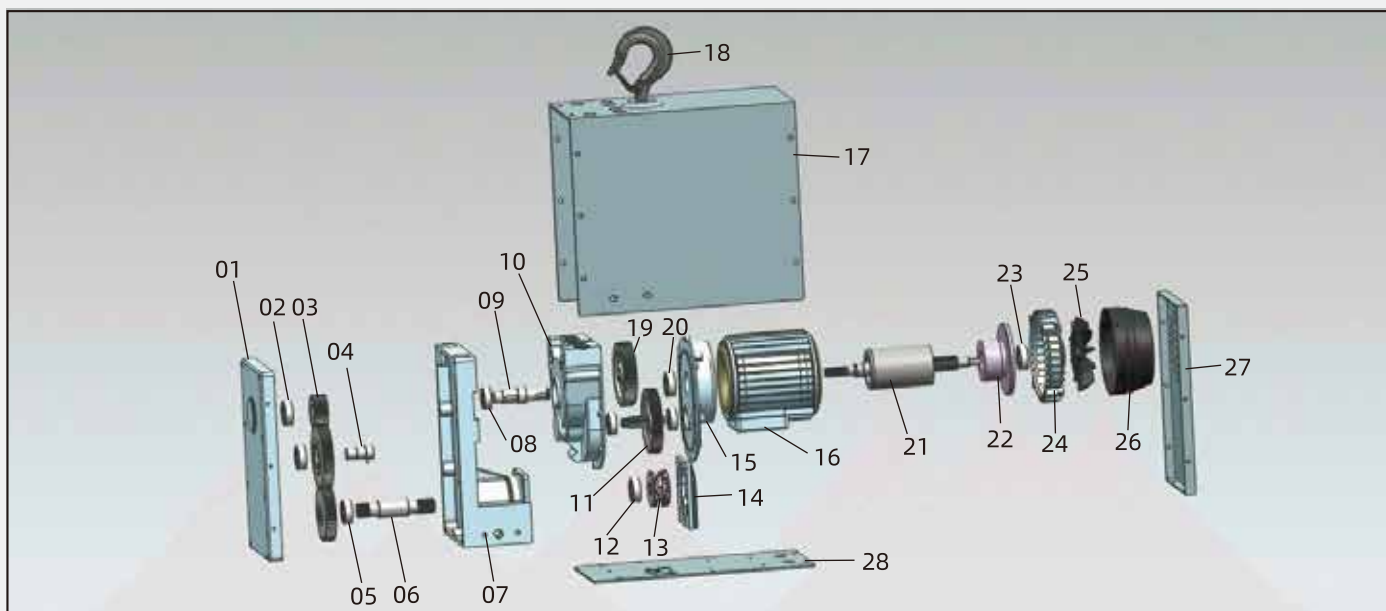
下钩组件/Lower hook assembly

图5/Figure 5



注：单位mm/Note:Unit mm

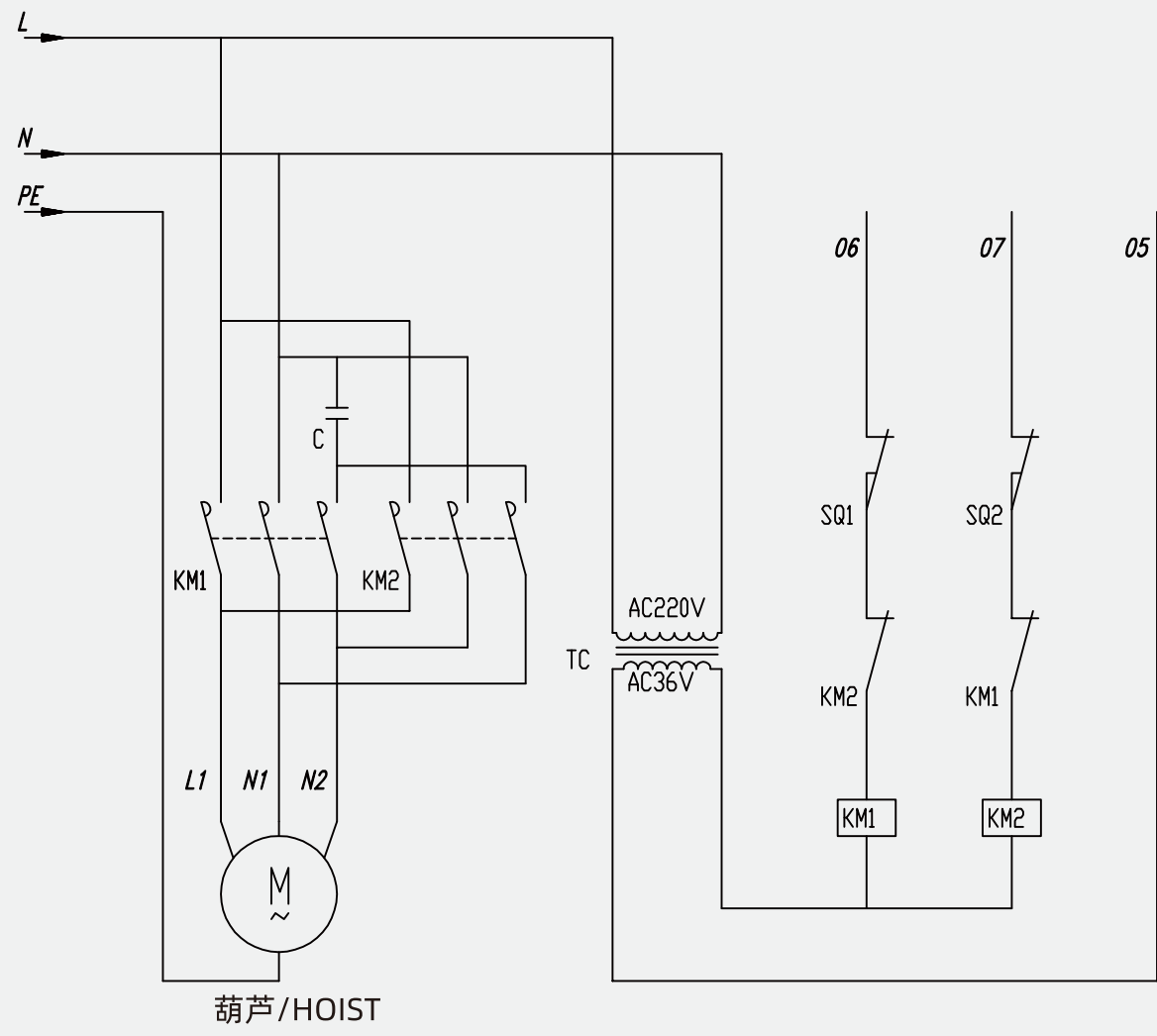
产品结构表/PRODUCT STRUCTURE



01:齿轮箱盖	02:输出轴轴承II	03:齿轮组II	04:中间齿轮轴	05:起重轮轴轴承I	06:起重链轮轴
07:齿轮箱II	08:输出轴轴承I	09:输出轴	10:齿轮箱I	11:二级减速齿轮组	12:起重轮轴轴承II
13:起重链轮	14:起重链轮盖	15:前盖	16:电机	17:外罩壳	18:上吊钩
19:一级减速齿轮	20:前盖转子轴承	21:转子	22:刹车片	23:后盖转子轴承	24:后盖
25:散热风扇	26:散热风扇罩	27:外罩壳侧板	28:外罩壳底板		

01:gear box cover	02:output shaft bearing II	03:gear set II	04:intermediate gear shaft	05:lifting shaft bearing I	06:lifting sprocket shaft
07:gear box II	08:output shaft bearing I	09:output shaft	10:gearbox I	11:secondary underdriving gear set	12:lifting wheel shaft bearing II
13:lifting sprocket	14:lifting sprocket cover	15:front cover	16:motor	17:outer shell cover	18:upper hook
19:primary underdriving gear	20:front cover rotor bearing	21:rotor	22:brake pad	23:rear cover rotor bearing	24:rear cover
25:cooling fan	26:cooling fan cover	27:outer shell side plate	28:outer shell baseboard		

电器线路图/Electrical wiring diagram



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