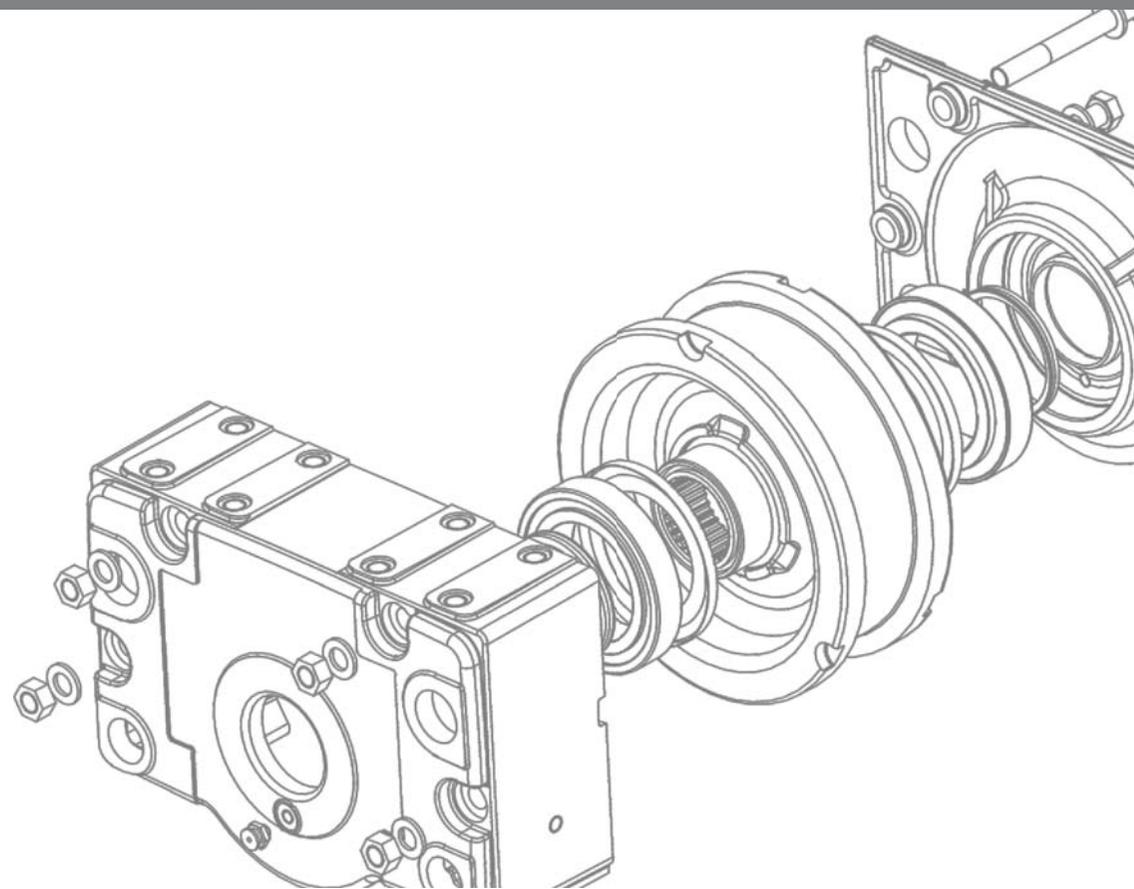


# DRS WHEEL BLOCKS

DRS车轮组部件



## → 企业简介

新乡市德工机械有限公司成立于2011年，注册资本2亿元，占地面积30万平方米，现有员工500多人，其中工程技术人员56人。公司产品是以设计研发，生产制造为主，车轮，轮箱，卷筒，吊钩等起重机械配件为突出产品。产品涉及到五大品种上千种系列，广泛应用于起重运输，冶金，矿山，船舶，港口等领域。我们有多年的生产经验，所以更容易满足客户对加工工艺和材质的要求。丰富的出口经验，让我们更能精确的把握不同国家客户对轮子的特殊需求。

## → 我们的优势

以技术立足，以质量发展，以客户的需求为我们的最终目的。

## → 我们的服务

为您提供优质的车轮组及相应的配套件；  
为您提供车轮组安装方案及图纸；  
为您提供电机的选型及参数；  
为您提供充足的产品系列及库存。

## → Company Introduction

DGCRANE Xinxiang Degong Machinery Co.,Ltd. Established in 2011, registered capital 200 millions, floor area 300000 square meters and more than 500 workers with 56 engineers of them. The company focuses on the design, R&D and fabrication. Moreover, main process the crane accessories like crane wheel, wheel block, drum, hook, etc. Our products involving five kinds with thousands of series and are widely used in the field of lifting, transportation, metallurgy, mine, ship, port, etc. We have many years of production experience, so it's easier to meet customer demand for processing technology and material. Rich export experience, can make us accurate grasp of wheels for customer's special requirements in different countries.

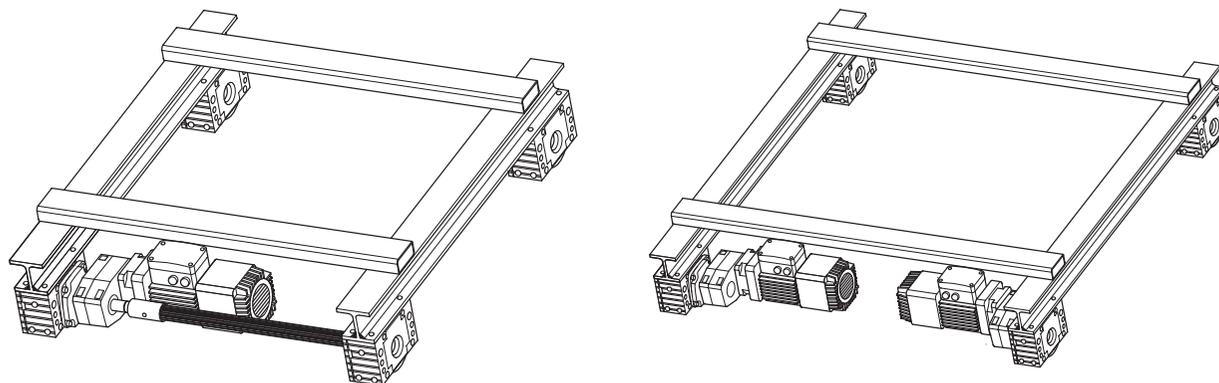
## → Our Advantage

Based on the technology and develop based on quality. Customers' satisfaction is our pursuit.

## → Our Service For You

Provide high-quality wheel blocks & accessories.  
Provide installation scheme & drawings.  
Provide selection & parameter for electric motor.  
Provide ample products series & stocks.





## ➔ 优点

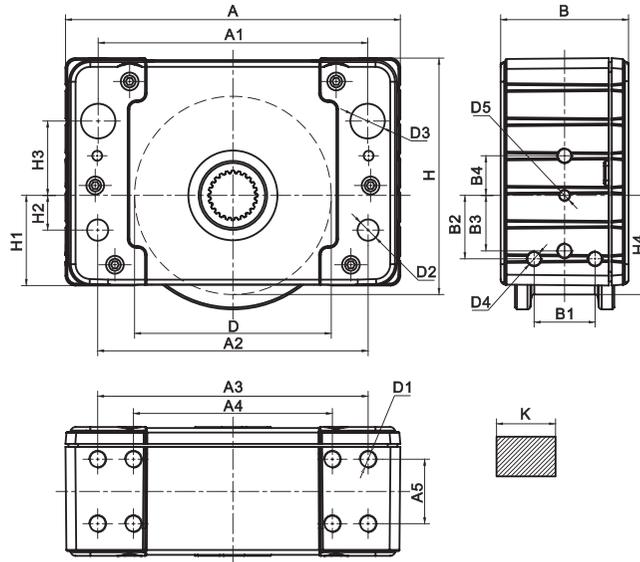
- 1、全封闭设计，终身免维护；
- 2、球磨铸铁行走轮具有自润滑功能，耐磨，其设计使用寿命达十年；
- 3、单个轮箱承载量大，行走声音轻；
- 4、主动轮花键轮毂，与减速电机花键连接，结构紧凑，设计合理；
- 5、五个精加工面，与结构连接方便，保证安装准确；
- 6、模块化标准设计，全套行走解决方案及部件，极大的简化客户行走机构设计费用及时间。

## ➔ Main Features

- 1 Fully enclosed design, maintenance free.
- 2 Ductile iron walking wheel has self-lubricating function, wear-resistant, its design service life is up to ten years.
- 3 A single wheel box has a large load and a light noise.
- 4 Active wheel spline hub, connected with reducer motor spline, compact structure and reasonable design.
- 5 Five finishing surfaces, which are easy to connect with structure to ensure accurate installation.
- 6 Modular standard design, complete set of walking solutions and components that greatly simplify the customers' design cost and time of walking mechanism.



## DRS Wheel Box

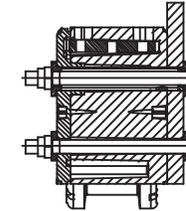


## Installation type

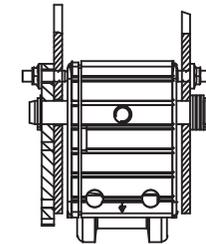
► Top connection



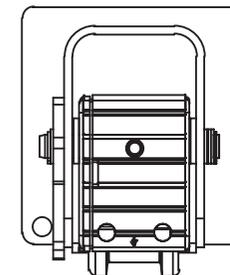
► Side connection



► Pin connection



► End connection



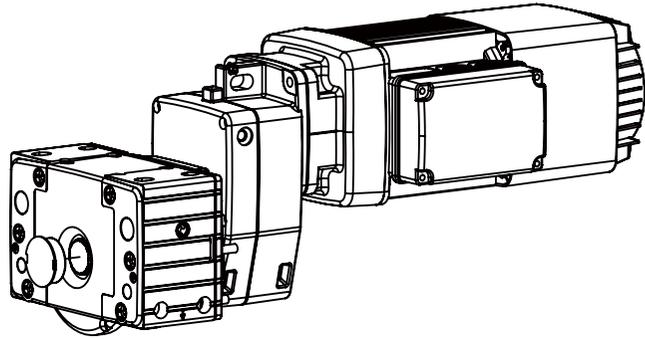
03

## Technical Parameters

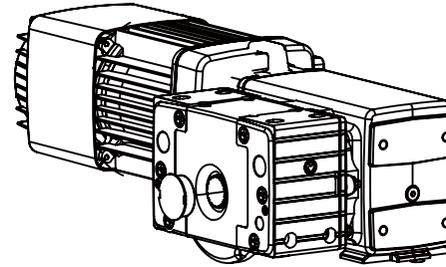
Type D	A mm	B mm	H mm	K mm	H1 mm	H2 mm	H3 mm	H4 mm	B1 mm	B2 mm	B3 mm	B4 mm
DRS112	190	96	131	55	47	30	40	80	40	30	-	24
DRS125	220	98	147.5	55	53.5	20	40	100	50	37	-	37.5
DRS160	275	110	187	60	70	25	55	100	54	47.5	-	20
DRS200	340	130	238	60	90	35	75	100	62	64	56	40
DRS250	385	150	281	75	89	50	80	100	-	-	-	-
DRS315	470	180	349.5	90	114	70	80	100	-	-	-	30
DRS400	580	210	440	-	144	95	130	100	-	-	-	30
DRS500	700	240	566	-	183	110	160	100	-	-	-	30

Type D	A1 mm	A2 mm	A3 mm	A4 mm	A5 mm	D1	D2 mm	D3 mm	D4	D5	Weight kg	Max.Load kN
DRS112	145	145	145	-	45	4xM12	10.5	18.5	4xM12	2xM12	10	27.5
DRS125	175	175	170	-	55	4xM12	13	21	4xM12	2xM12	15	50
DRS160	220	220	220	-	55	4xM16	17	30	4xM16	2xM12	26	70
DRS200	275	275	275	-	65	4xM16	20	35	8xM16	2xM12	41	100
DRS250	310	310	290	140	80	8xM16	34F8	40	2xM12	-	70	160
DRS315	370	370	360	180	100	8xM16	40F8	50	2xM12	2xM20	130	220
DRS400	450	450	440	210	120	8xM20	31H13	65	2xM12	2xM20	220	300
DRS500	580	580	620	480	125	8xM20	31H13	70	2xM12	2xM20	380	400

## Motor installation



offset geared drive

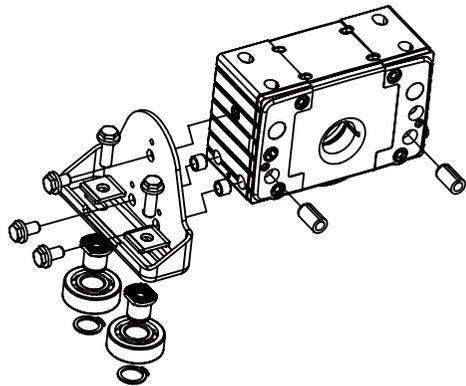


angular geared drive

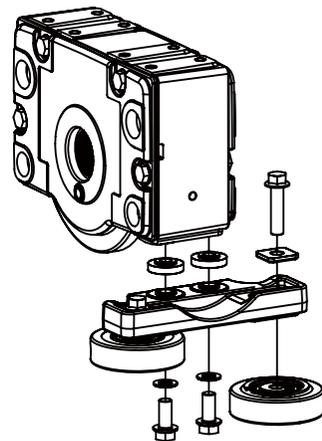
## Application case



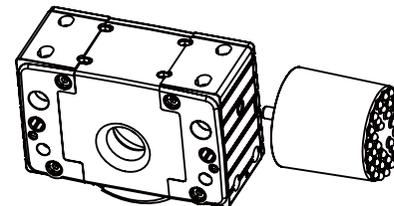
## Accessories



DRS112-200  
Horizontal guide rollers

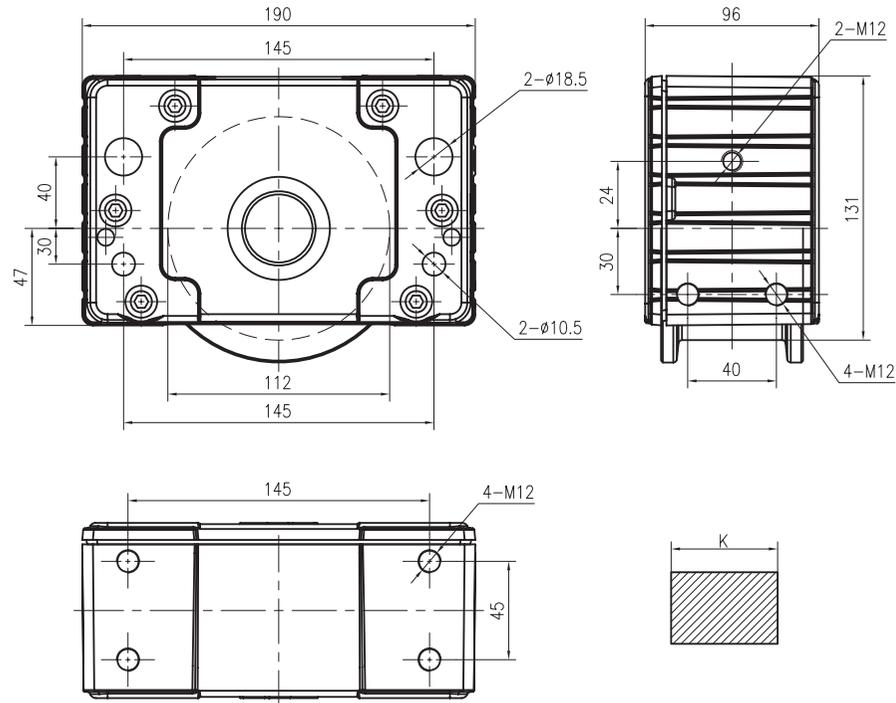


DRS250-500  
Horizontal guide rollers

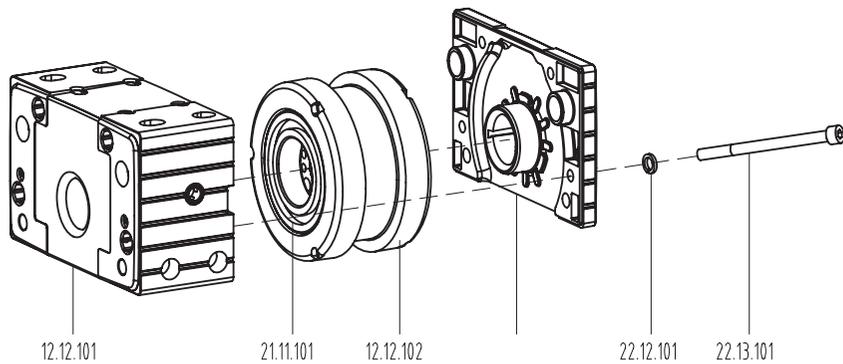


Buffer

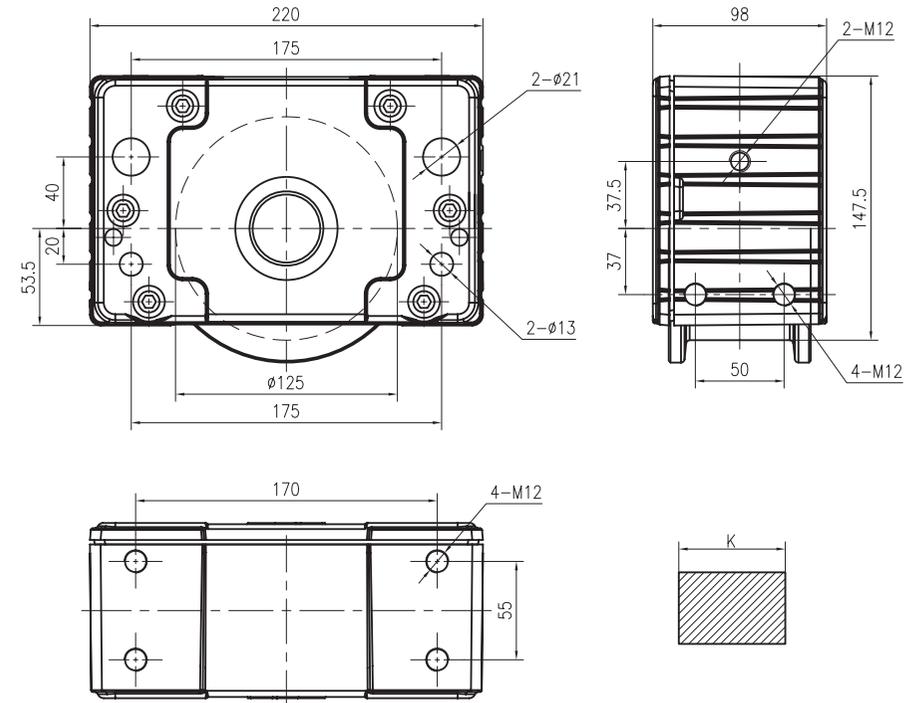
## ► DRS Wheel Box DRS 112



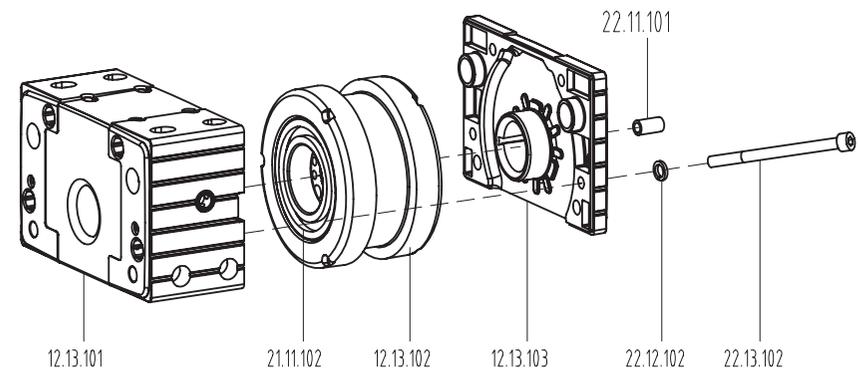
Weight (kg)	Max Wheel load (kN)	K-max (mm)	Splined hub profile DIN 5480	Bear type
10	27.5	55	W30x1.25x30°x22x7H	6207-2Z



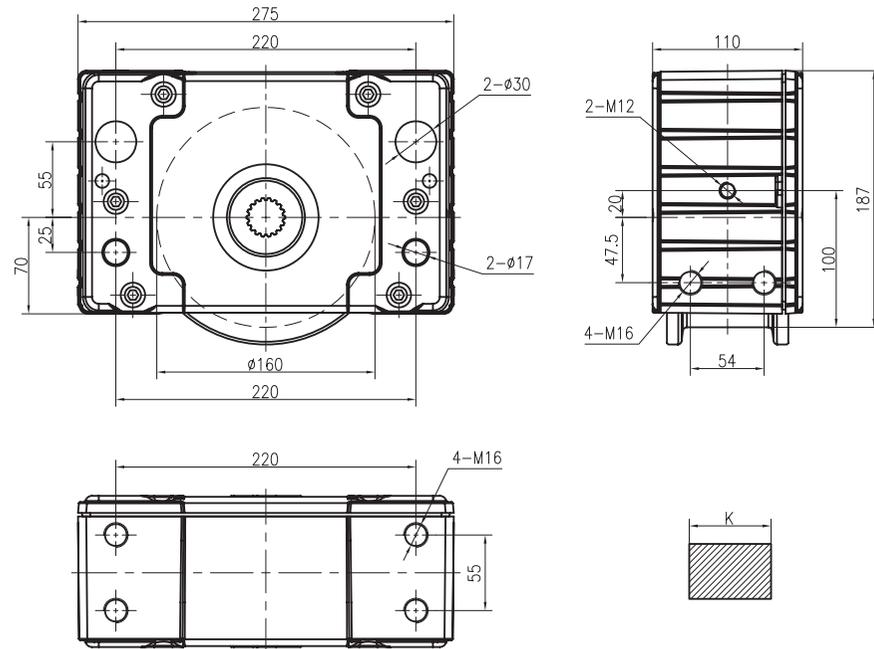
## ► DRS Wheel Box DRS 125



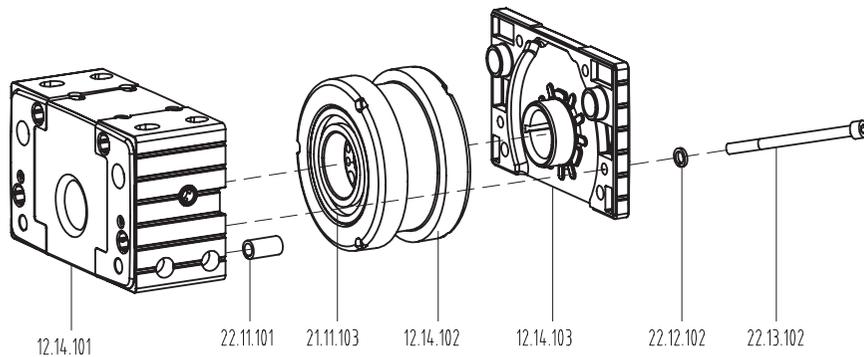
Weight (kg)	Max Wheel load (kN)	K-max (mm)	Splined hub profile DIN 5480	Bear type
15	50	55	W30x1.25x30°x22x7H W35x2x30°x16x7H	6211-2Z



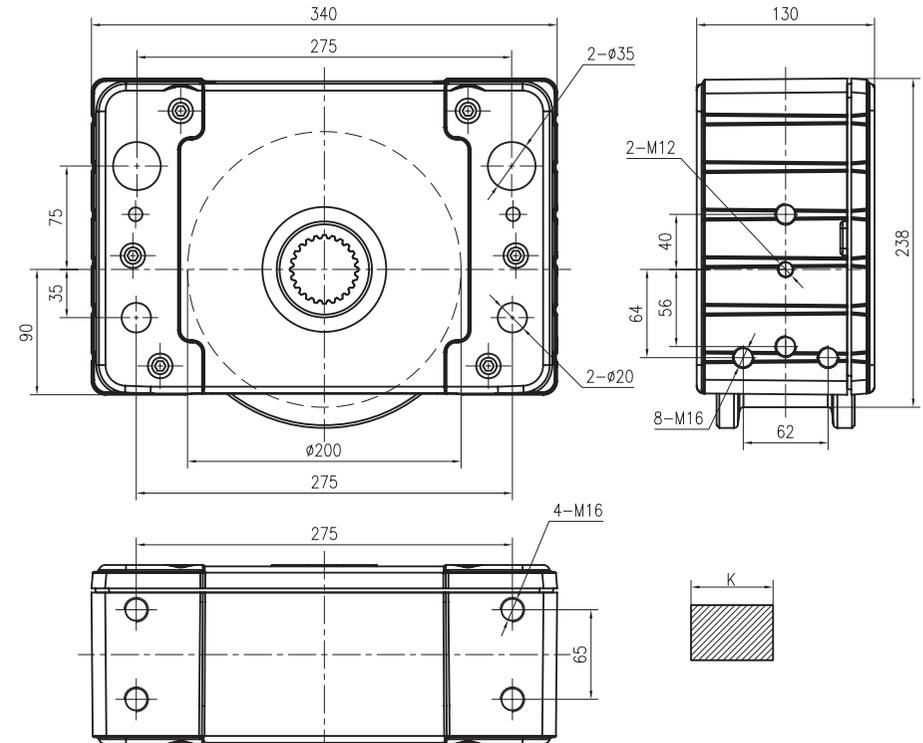
## ► DRS Wheel Box DRS 160



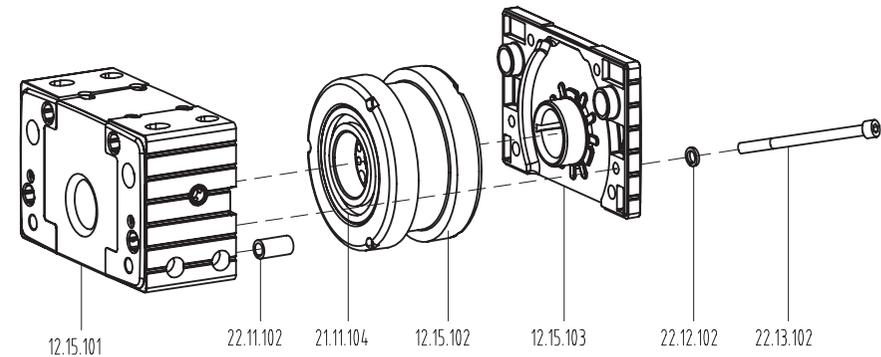
Weight (kg)	Max Wheel load (kN)	K-max (mm)	Splined hub profile DIN 5480	Bear type
26.5	70	60	W35×2×30°×16×7H	6215-2Z
			W45×2×30°×21×7H	



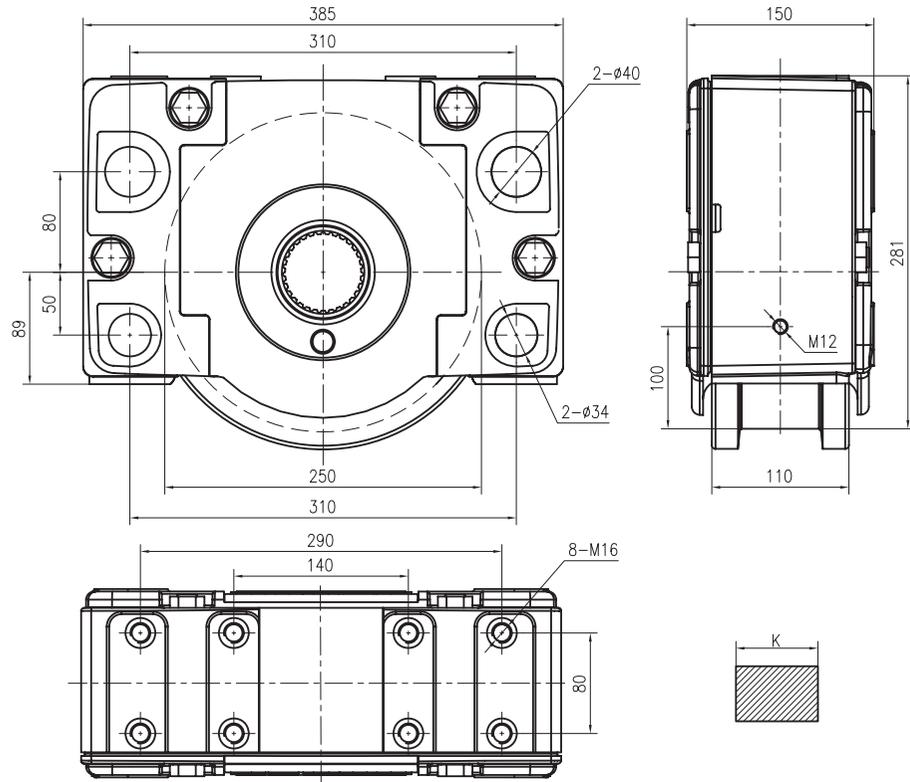
## ► DRS Wheel Box DRS 200



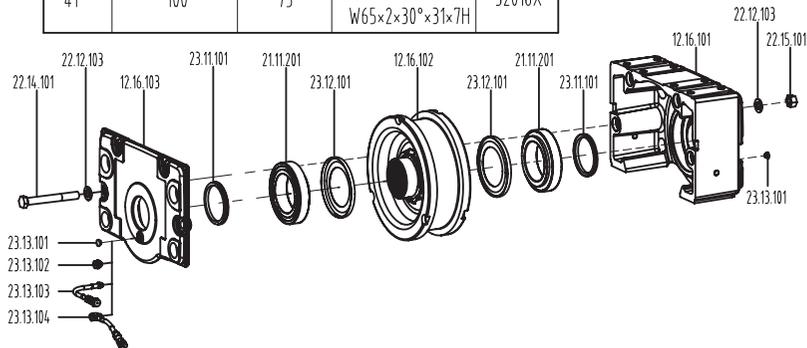
Weight (kg)	Max Wheel load (kN)	K-max (mm)	Splined hub profile DIN 5480	Bear type
415	100	60	W45×2×30°×21×7H	6218-2Z
			W50×2×30°×24×7H	



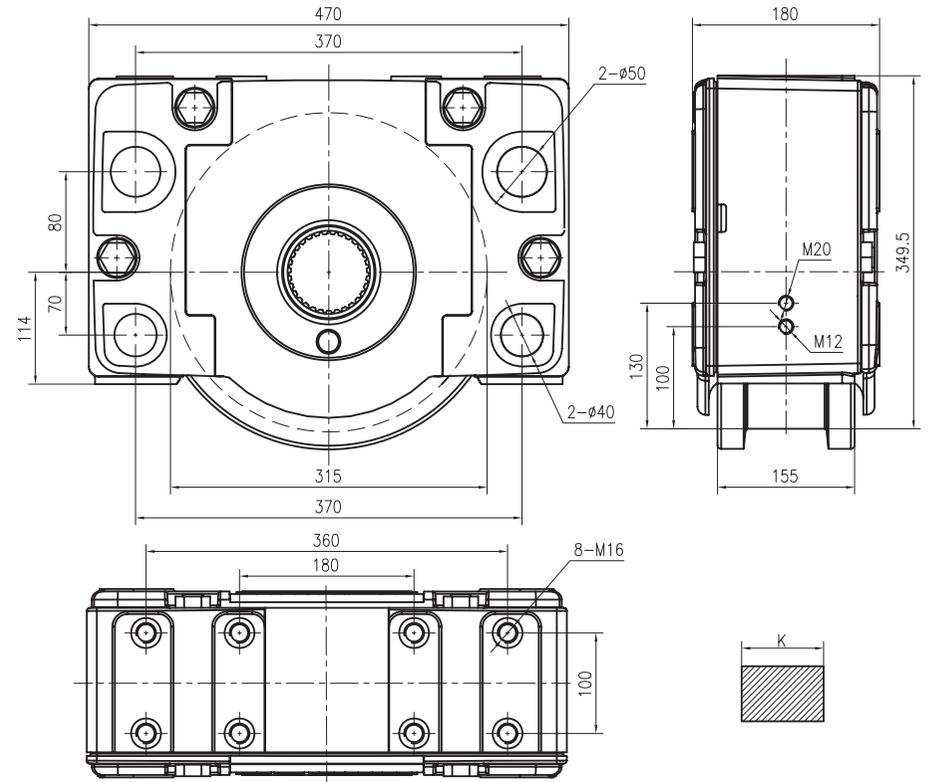
## ► DRS Wheel Box DRS 250



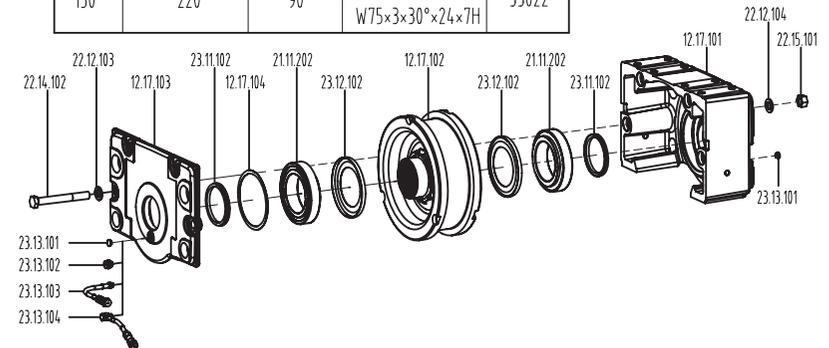
Weight (kg)	Max Wheel load (kN)	K-max (mm)	Splined hub profile DIN 5480	Bear type
41	100	75	W50×2×30°×24×7H	32018X
			W65×2×30°×31×7H	



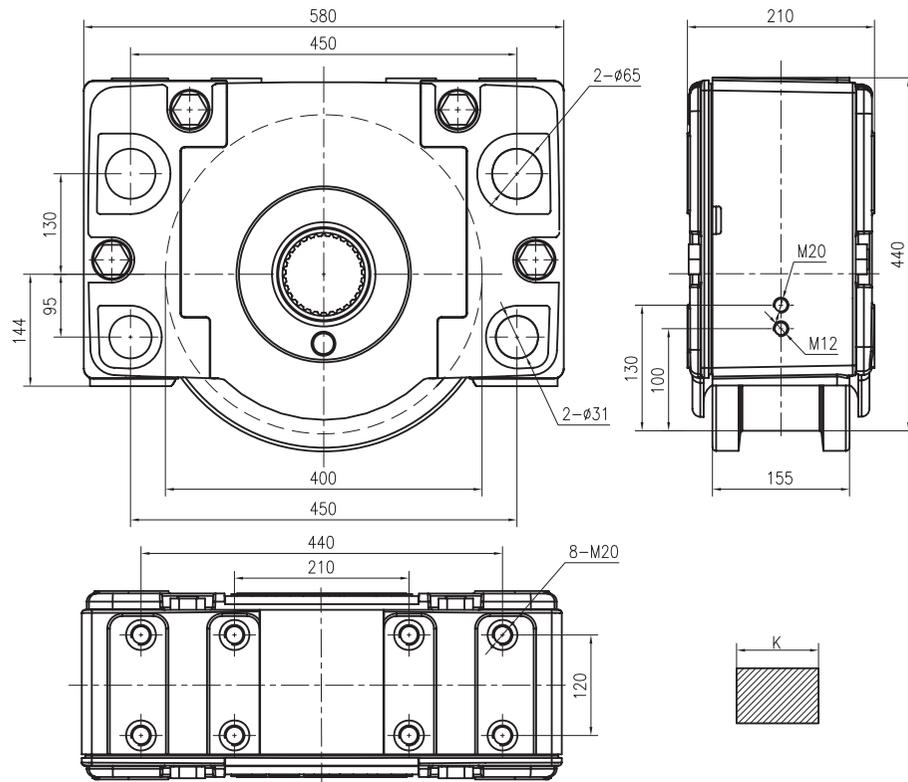
## ► DRS Wheel Box DRS 315



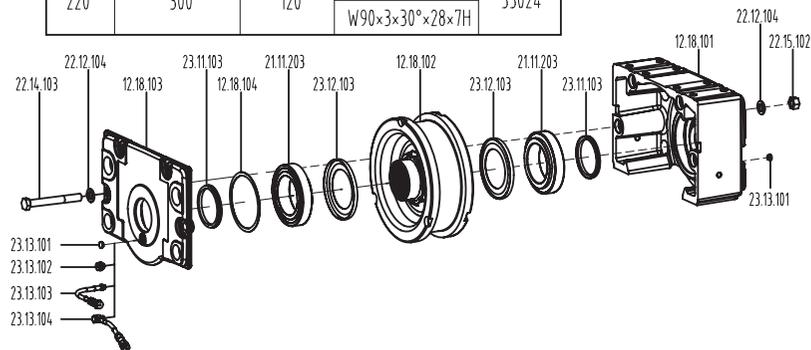
Weight (kg)	Max Wheel load (kN)	K-max (mm)	Splined hub profile DIN 5480	Bear type
130	220	90	W65×2×30°×31×7H	33022
			W75×3×30°×24×7H	



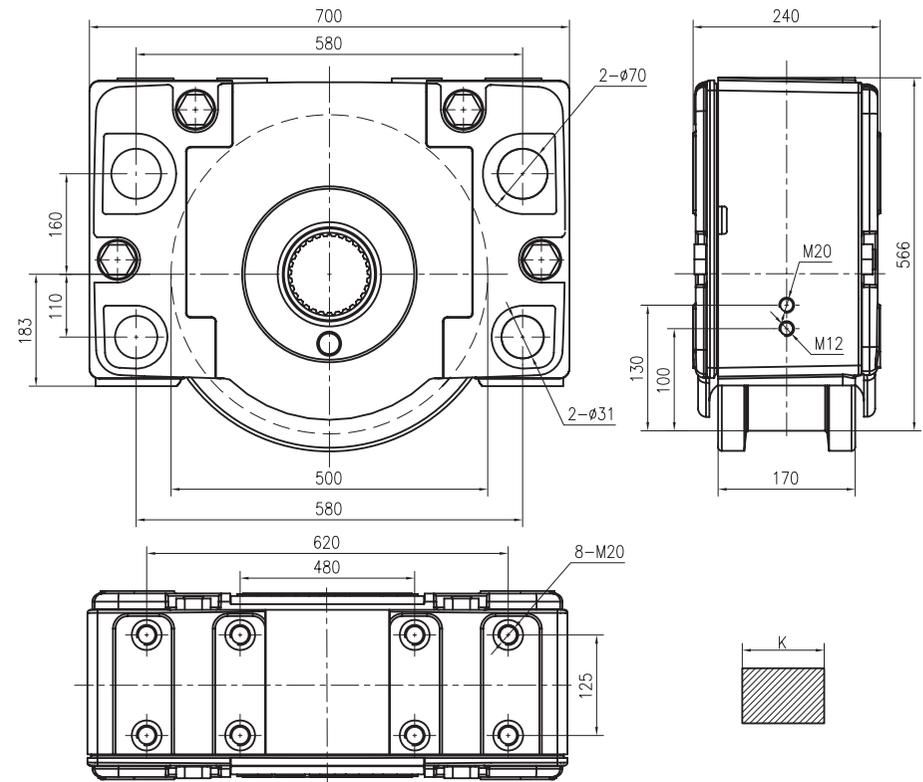
## ► DRS Wheel Box DRS 400



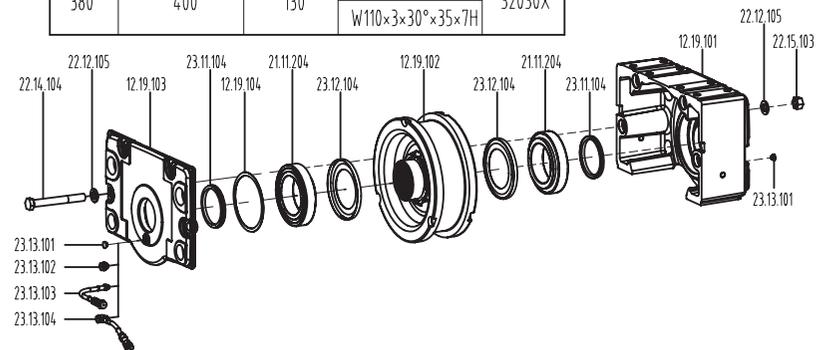
Weight (kg)	Max Wheel load (kN)	K-max (mm)	Splined hub profile DIN 5480	Bear type
220	300	120	W75×3×30°×24×7H	33024
			W90×3×30°×28×7H	



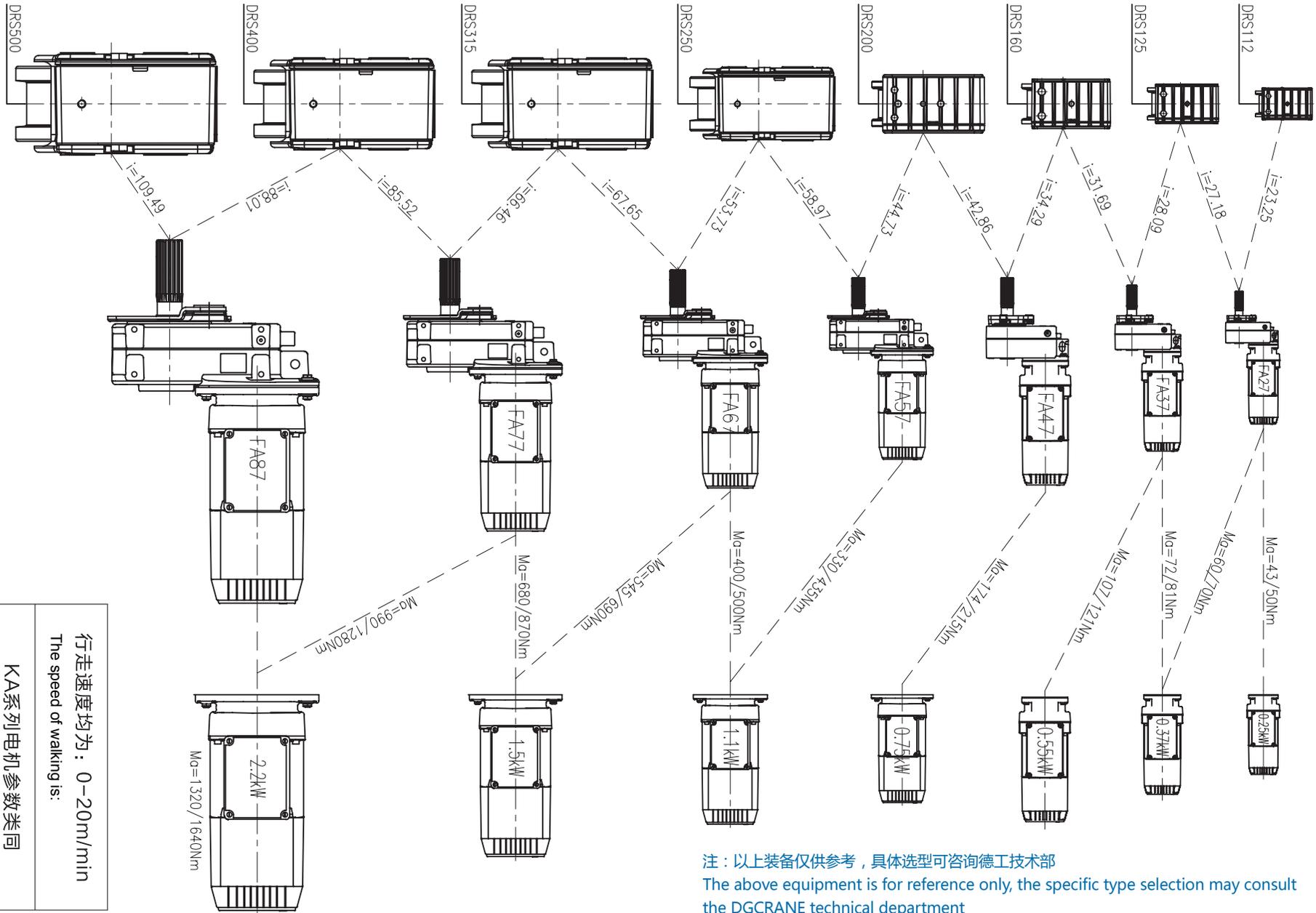
## ► DRS Wheel Box DRS 500



Weight (kg)	Max Wheel load (kN)	K-max (mm)	Splined hub profile DIN 5480	Bear type
380	400	130	W90×3×30°×28×7H	32030X
			W110×3×30°×35×7H	



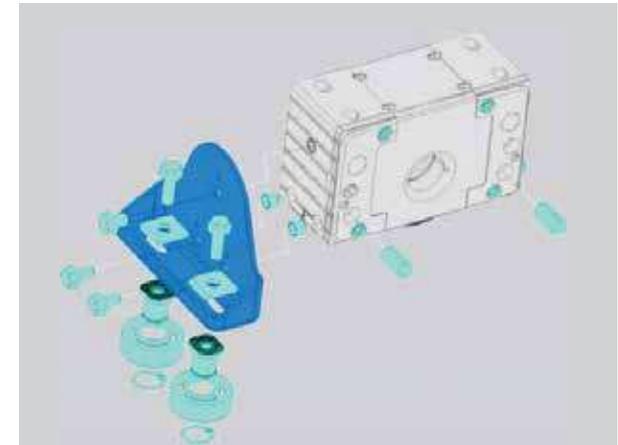
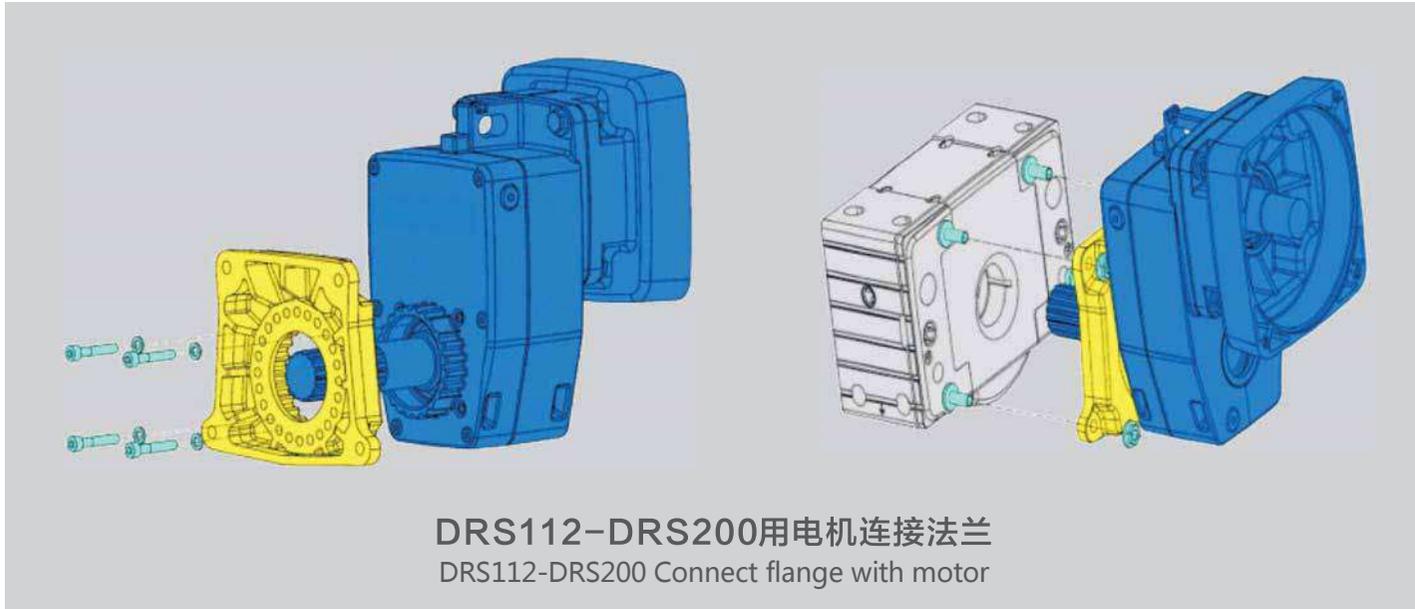
## ► DRS Wheel Box DRS FA



行走速度均为：0-20m/min  
 The speed of walking is:  
 KA系列电机参数类同  
 As same as KA series motor specifications

注：以上装备仅供参考，具体选型可咨询德工技术部  
 The above equipment is for reference only, the specific type selection may consult the DGCRANE technical department

## ► DRS车轮组附件 DRS Wheel Blocks attachment



# DGCRANE

Beautiful life with love; Easy working with crane

**新乡市德工机械有限公司**  
Xinxiang Degong Machinery Co., Ltd

---

Tel: +86-373-5211700

Email: [sales@dgcranewheel.com](mailto:sales@dgcranewheel.com)

Web: [www.dgcranewheel.com](http://www.dgcranewheel.com)

Add: R&D Building, Torch Industrial Zone, Xinfei Road 1789, Xinxiang City