

ELECTRONIC CONTROL KIT AND ACCESSORIES



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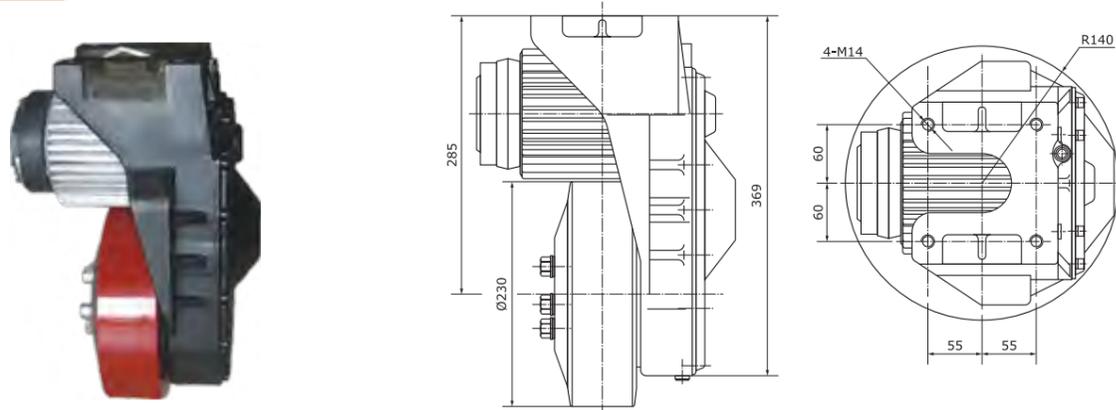
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1EL-AC(1.0)



Product Features

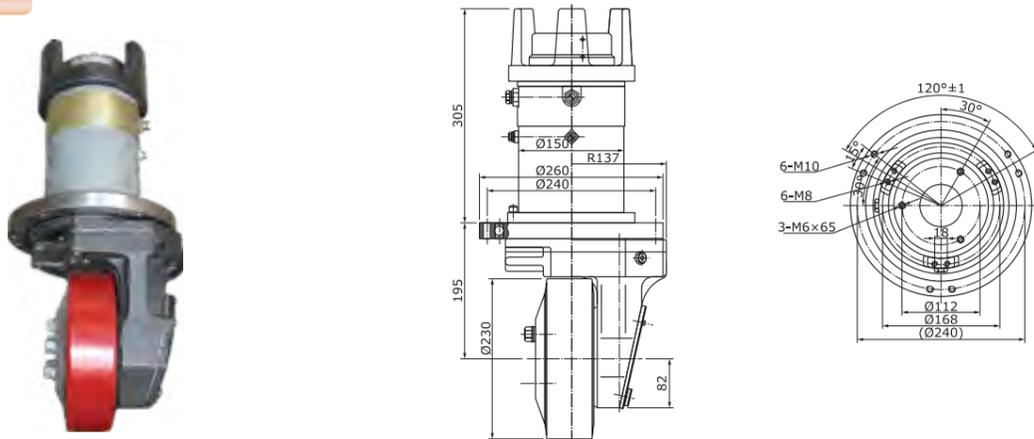
1EL drive wheel is a multi-purpose mechanism, which makes the power, the transmission and the brake integrated. The electromotor is arranged parallel with the drive shaft and they are connected by a two levels of helical gears decelerator. So steady transmission, low noise, compact structure, Little radius of turn are the features of this mechanism while operating.

When AC motor which has speed detecting and heat sensitive sensor matching with Electrically controlled equipment being equipped in the drive wheel. It will guarantee that the transmission can be frequency controlled and feedback. And also, it will make the power transmission reliable and safe, flexible to manipulate. Wide range to regulate speed and to save energy. As so many excellent performances mentioned above, this drive wheel can be widely adopted in the drive system of industrial used transporting vehicles.

Technical Data

Model		1EL-AC (1.0)
Motor Rated Power	Kw	1
Battery Voltage	V	24
Gear Ratio	i	0
Max. Wheel Load	kg	800
Wheel Diameter	mm	230
Max. Turning Radius	mm	140
Max. Wheel Speed	r/min	100-110
Max. Wheel Torque	N·m	300
Brake Torque	N·m	8

2EL-DC(1.1)



Product Features

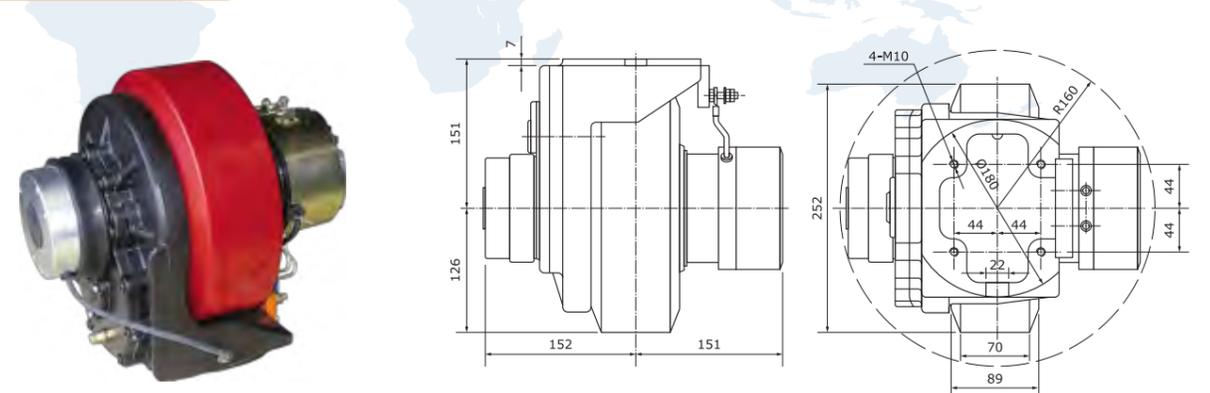
2EL drive wheel is a multi-purpose mechanism, which makes the power, the transmission and the brake integrated. The electromotor is arranged vertical with the drive shaft and they are connected by a two levels of gears decelerator. One level of the decelerator is the Gleason Spiral bevel gears. So this device features with steady transmission, low noise and strong load capacity while operating.

Floating bearing with screw in the outer ring is installed in top of the decelerator and it can be mounted to the frame parts through screws directly. So it is very convenient to disassemble and assemble, what? more it is advantageous to realize the manual and power steering operating. system of industrial used transporting vehicles.

Technical Data

Model		2EL-DC (1.1)
Motor Rated Power	Kw	1.1
Battery Voltage	V	24
Gear Ratio	i	~1:20
Max. Wheel Load	kg	800
Wheel Diameter	mm	230
Max. Turning Radius	mm	137
Max. Wheel Speed	r/min	100-110
Max. Wheel Torque	N·m	330
Brake Torque	N·m	16

3EL-DC(0.75)(1.0)(1.2)



Product Features

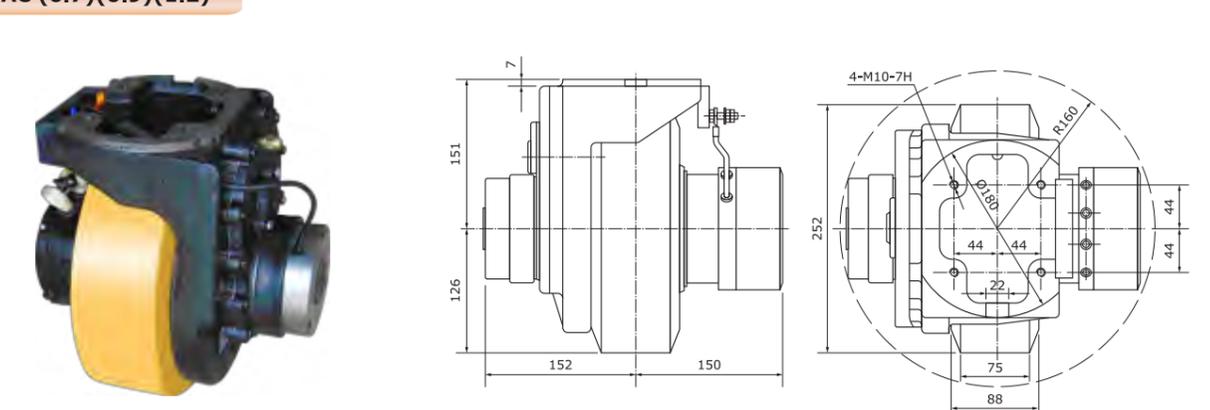
3EL drive wheel is a multi-purpose mechanism, which makes the power, the transmission and the brake integrated. The axial of the electromotor is coaxial with the drive shaft and they are connected by a two levels axis parallel cylindrical gears decelerator.

So this device features with compacted structure, small overall dimension, facile to fit in the transporting vehicles inside. In order to meet with the user's all kinds of needs. This driving wheel could use two kinds of specifications electromotor which are labeled with 3EL, 3ELA for distinguish.

Technical Data

Model		3EL-DC(0.75)	3EL-DC(1.0)	3ELA-DC(1.2)
Motor Rated Power	Kw	0.75	1	1.2
Battery Voltage	V	24	24	24
Gear Ratio	i	~1:30	~1:30	~1:30
Max. Wheel Load	kg	800	800	800
Wheel Diameter	mm	252	252	252
Max. Turning Radius	mm	160	160	160
Max. Wheel Speed	r/min	100	100	100
Max. Wheel Torque	N·m	280	280	350
Brake Torque	N·m	8	8	8

3EL-AC (0.7)(0.9)(1.2)



Product Features

3EL-AC drive wheel is a multi-purpose mechanism, which makes the power, the transmission and the brake integrated. The axial of the electromotor is coaxial with the drive shaft and they are connected by a two levels of parallel axis cylindrical gears reducer.

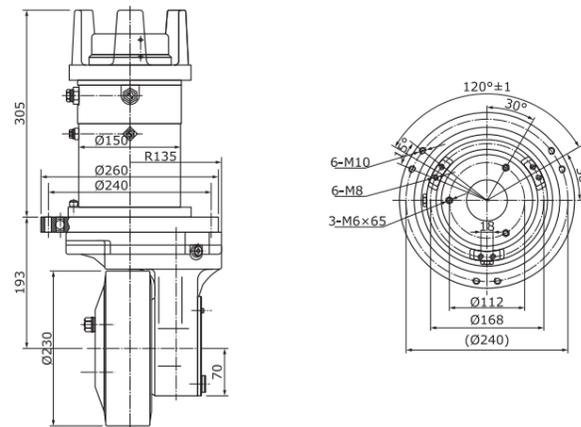
So this device features with compacted structure, small overall dimension, facile to fit in the transporting vehicles inside. In order to meet the user all kinds of use needs, This driving wheel use three kinds of specifications electromotor as power and label with 3EL-AC/0.7, 3EL-AC/0.9 and 3EL-AC/1.2 for distinguish.

Technical Data

Model		3EL-AC(0.7)	3EL-AC(0.9)	3EL-AC(1.2)
Motor Rated Power	Kw	0.7	0.9	1.2
Battery Voltage	V	24	24	24
Gear Ratio	i	1:30	1:30	1:30
Max. Wheel Load	kg	800	800	800
Wheel Diameter	mm	252	252	252
Max. Turning Radius	mm	160	160	160
Max. Wheel Speed	r/min	100	100	100
Max. Wheel Torque	N·m	240	290	350
Brake Torque	N·m	8	8	8



6EL-DC (1.1)



■ Product Features

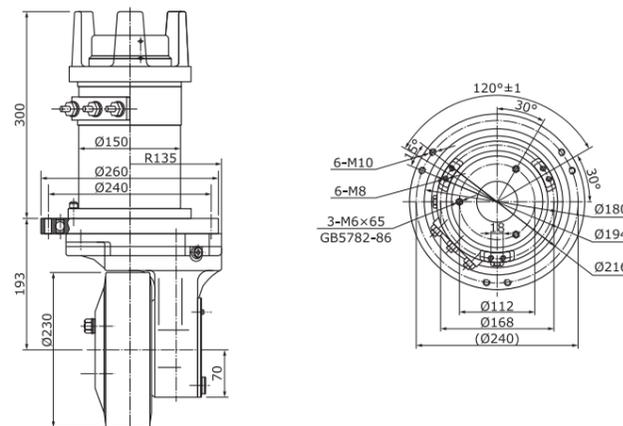
6EL drive wheel is a multi-purpose mechanism, which makes the power, the transmission and the brake integrated. The electromotor is arranged vertical with the drive shaft and they are connected by a two levels gears decelerator. One level of the decelerator is the Gleason Spiral bevel gears. So this device features with steady transmission, low noise and strong load capacity while operating.

Floating bearing with screw in the outer ring is installed in top of the decelerator and it can be mounted to the frame parts through screws directly. So it is very convenient to disassemble and assemble, what? more it is advantageous to realize the manual and power steering operating.

■ Technical Data

Model	6EL-DC(1.1)	
Motor Rated Power	Kw	1.1
Battery Voltage	V	24
Gear Ratio	i	~1:19.64
Max. Wheel Load	kg	800
Wheel Diameter	mm	230
Max. Turning Radius	mm	135
Max. Wheel Speed	r/min	100-110
Max. Wheel Torque	N·m	330
Brake Torque	N·m	16

7EL-AC (0.9)(1.3)(1.5)



■ Product Features

7EL drive wheel is a multi-purpose mechanism, which makes the power, the transmission and the brake integrated. The electromotor is arranged vertical with the drive shaft and they are connected by a two levels gears decelerator. One level of the decelerators is the Gleason Spiral bevel gears. So this device features with steady transmission, low noise and strong load capacity while operating.

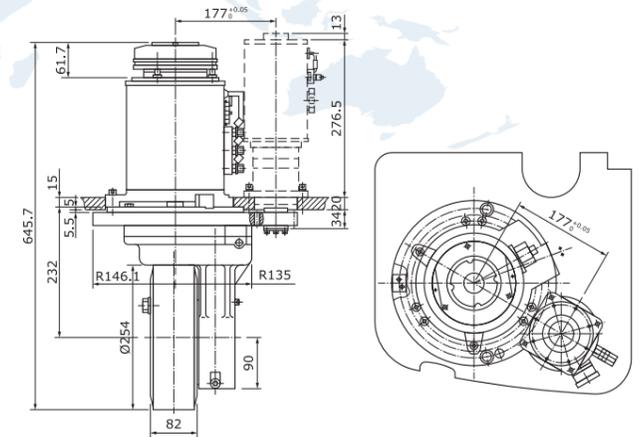
Floating bearing with screw in the outer ring is installed in top of the decelerator and it can be mounted to the frame parts through screws directly. So it is very convenient to disassemble and assemble, what? more it is advantageous to realize the manual and power steering operating.

When AC motor which has speed detecting and heat sensitive sensor matching with Electrically controlled equipment being equipped in the drive wheel, it will guarantee that the transmission can be frequency controlled and feedback. And also, it will make the power transmission reliable and safe, flexible to manipulate, wide range to regulate speed and to save energy. As so many excellent performances mentioned above, this drive wheel can be widely adopted in the driven system of industrial used transporting vehicles.

■ Technical Data

Model	7EL-AC(0.9)	7EL-AC(1.3)	7EL-AC(1.5)	
Motor Rated Power	Kw	0.9	1.3	1.5
Battery Voltage	V	24	24	24
Gear Ratio	i	1:30	1:30	1:30
Max. Wheel Load	kg	800	800	800
Wheel Diameter	mm	230	230	230
Max. Turning Radius	mm	135	135	135
Max. Wheel Speed	r/min	100-110	100-110	100-110
Max. Wheel Torque	N·m	280	350	350
Brake Torque	N·m	8	16	16

8EL-AC (2.2)(2.5)



■ Product Features

8EL-AC driving wheel is one for multifunctional mechanism, put power, transmission and braking integrated, dynamo and driving wheel axial lead into vertical arrange, through the secondary inclined gear reducer, including top-tier is Brendan Gleason spiral bevel gear reducer, so transmission steady, low noise, strong carrying capacity.

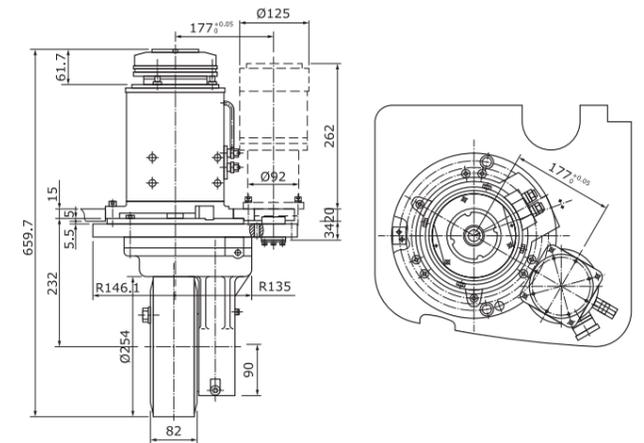
Reducer box above with rotary bearings, the outer ring of the bearing with screw hole, can directly use bolt & frame connection, so very convenient, to human or power steering function.

Choose with speed measurement and heat-variable device AC dynamo, matching with electric control gear, ensure driving frequency conversion controlled speed feedback, make the driving more secure, manipulation of handiness, speed range and energy saving effect, it can be widely used for industrial handling vehicles driving devices.

■ Technical Data

Model	8EL-AC(2.2)	8EL-AC(2.5)	
Motor Rated Power	Kw	2.2	2.5
Battery Voltage	V	24	24
Gear Ratio	i	1:18.98	1:18.98
Max. Wheel Load	kg	1100	1100
Wheel Diameter	mm	254	254
Max. Turning Radius	mm	135	135
Max. Wheel Speed	r/min	160	160
Max. Wheel Torque	N·m	550	550
Brake Torque	N·m	32	32

8EL-DC (2.2)



■ Product Features

8EL-DC driving wheel is one for multifunctional mechanism, put power, transmission and braking integrated, dynamo and driving wheel axial lead into vertical arrange, through the secondary inclined gear reducer, including top-tier is Brendan Gleason spiral bevel gear reducer, so transmission steady, low noise, strong carrying capacity.

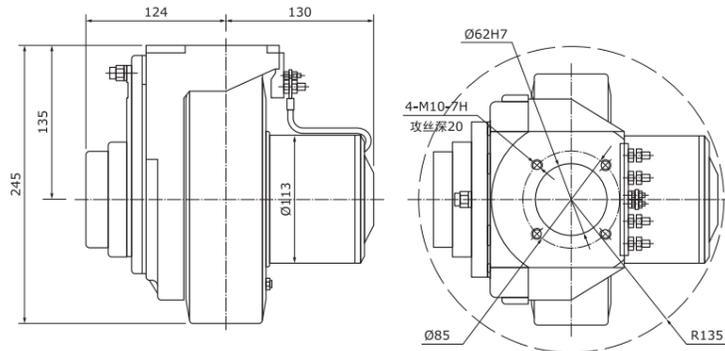
Reducer box above with rotary bearings, the outer ring of the bearing with screw hole, can directly use bolt & frame connection, so very convenient, to human or power steering function.

■ Technical Data

Model	8EL-DC(2.2)	
Motor Rated Power	Kw	2.2
Battery Voltage	V	24
Gear Ratio	i	1:15.29
Max. Wheel Load	kg	1100
Wheel Diameter	mm	254
Max. Turning Radius	mm	135
Max. Wheel Speed	r/min	160
Max. Wheel Torque	N·m	550
Brake Torque	N·m	32



9EL-DC (0.4)



Product Features

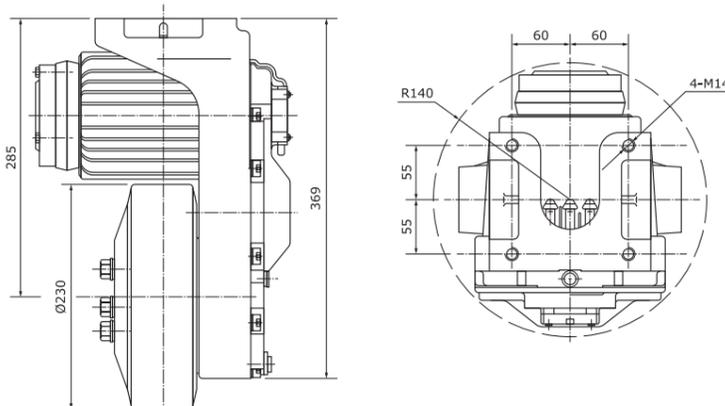
9EL-DC drive wheel is a multi-purpose mechanism, which makes the power, the transmission and the brake integrated. The axial of the electromotor is coaxial with the drive shaft and they are connected by a two levels of parallel axis cylindrical gears reducer.

So this device features with compacted structure, small overall dimension, facile to fit in the transporting vehicles inside.

Technical Data

Model		9EL-DC (0.4)
Motor Rated Power	Kw	0.4
Battery Voltage	V	24
Gear Ratio	i	1:28
Max. Wheel Load	kg	500
Wheel Diameter	mm	220
Max. Turning Radius	mm	135
Max. Wheel Speed	r/min	100
Max. Wheel Torque	N·m	140
Brake Torque	N·m	5

11EL-AC (1.1)



Product Features

11EL-AC drive wheel is a multi-purpose mechanism, which makes the power, the transmission and the brake integrated. The electromotor is arranged parallel with the drive shaft and they are connected by a two levels of helical gears decelerator. So steady transmission, low noise, compact structure, little radius of turn are the features of this mechanism while operating.

When AC motor which has speed detecting and heat sensitive sensor matching with electrically controlled equipment being equipped in the drive wheel, it will guarantee that the transmission can be frequency controlled and feedback. And also, it will make the power transmission reliable and safe, flexible to manipulate, wide range to regulate speed and save energy. As so many excellent performances mentioned above. This drive wheel can be widely adopted in the drive system of industrial used transporting vehicles.

Technical Data

Model		11EL-AC (1.1)
Motor Rated Power	Kw	1.1
Battery Voltage	V	24
Gear Ratio	i	1:30
Max. Wheel Load	kg	800
Wheel Diameter	mm	230
Max. Turning Radius	mm	140
Max. Wheel Speed	r/min	100-110
Max. Wheel Torque	N·m	330
Brake Torque	N·m	8

41EL-DC



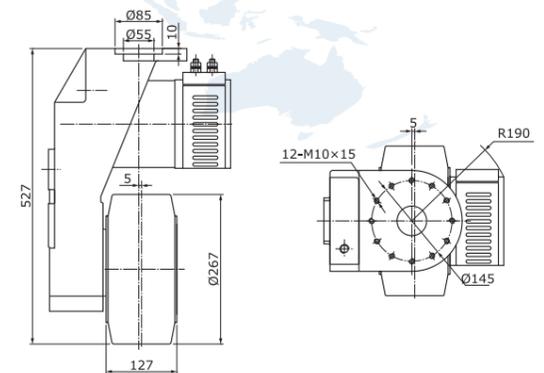
41EL-DC (2.0)



41EL-DC (2.0/2.5) I



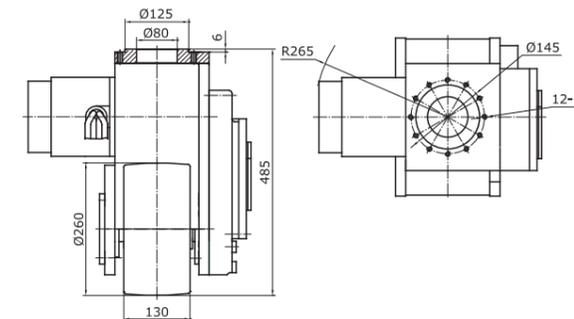
41EL-DC (2.0/2.5) II



Technical Data

Model		41EL-DC(2.0)	41EL-DC(2.0/2.5) I	41EL-DC(2.0/2.5) II
Motor Rated Power	Kw	2	2/2.5	2/2.5
Battery Voltage	v	24	24	24
Gear Ratio	i	1:24	1:22.5	1:28
Max. Wheel Load	kg	1000	1300	1500
Wheel Diameter	mm	267	267	330
Max. Turning Radius	mm	190	190	210
Max. Wheel Speed	r/min	3350	2500	2500

42EL-DC



Technical Data

Model		42EL-DC(2.0)
Motor Rated Power	Kw	2
Battery Voltage	v	24
Gear Ratio	i	1:46.11
Max. Wheel Load	kg	1300
Wheel Diameter	mm	260
Max. Turning Radius	mm	265
Max. Wheel Speed	r/min	1850
Max. wheel Torque	N·m	480

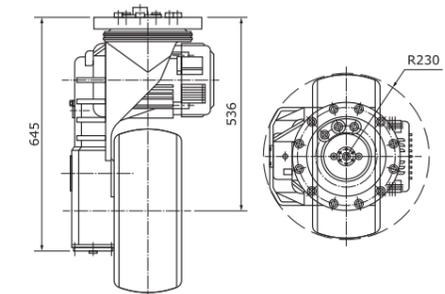
16BS-AC



Product Features

16BS-AC drive wheel makes the power, the transmission and the turn integrated, which can be adopted in the three pivots rear drive forklift served as steering drive wheel independently. The electromotor is arranged parallel with the drive shaft and they are connected by a helical gears decelerator. So steady transmission, compact structure, little radius of turn are the features of this mechanism while operating. Which make it convenient to arrange the overall layout of the machine and make the forklift fitted to operate in the narrow storeroom.

When AC motor which has speed detecting and heat sensitive sensor matching with electrically controlled equipment being equipped in the drive wheel. It will guarantee that the transmission can be frequency controlled and feedback. And also, it will make the power transmission reliable, safe, flexible to manipulate, wide range to regulate speed and save energy.



Technical Data

Model		16BS-AC
Motor Rated Power	Kw	5
Battery Voltage	v	24
Gear Ratio	i	~1:28.5
Max. Wheel Load	kg	1700
Wheel Diameter	mm	454
Max. Turning Radius	mm	230
Max. Wheel Speed	r/min	146
Max. wheel Torque	N·m	816