

## Motor Accessories

METALLECA® Motor accessories are widely used in generators and motor series. The output power of motors varies from 1KW to 20KW, and the material of the housing is no longer limited to the steel and pig iron as the past. The thin & lightweight stainless steel and aluminum alloys are more popular than before. However, our production is made aluminum alloy and common carbon steel. The housing of the motor has a protective effect and functions as a component mounting frame. In addition, some special models of motor housings also have functions with heat dissipation or sound insulation.



## Product Description

High quality METALLECA® Motor Accessories is offered by China manufacturer Ningbo Yinzhou Kuangda Trading Co., Ltd. Buy Motor Accessories which is of high quality directly with low price. Our product adhered to the principle of "quality is the life", to provide customers with the best quality, the most competitive prices, the first-class after-sales service.

### High Quality METALLECA® Motor Accessories of Suppliers

We have a professional, efficiency team to provide quality service for our customer. We always follow the tenet of customer-oriented, details-focused for Rapid Delivery for China Custom Precision CNC Machining Aluminum Motor Parts Stainless Steel Other Auto Parts and Accessories, We sincerely welcome you occur to visit us. Hope we now have very good cooperation from the potential. Rapid Delivery for China Other Auto Parts, Stainless Steel Auto Parts, After 13 years of researching and developing goods, our brand can represent wide range of products and solutions with outstanding quality in world market. We've got completed big contracts from many countries such as Germany, Israel, Ukraine, United Kingdom, Italy, Argentina, France, Brazil, and so on. You probably feel secure and satisfy when cooperate with us.

### Motor Accessories Introduction

Currently, we produce METALLECA® motor accessories of end cover, adjustable base and related accessories.

There are several materials of motor accessories are classified iron, aluminum, steel, etc.

The manufacturing of the housing is adopted five kinds of casting processes: sand casting, gravity casting, low pressure casting, die casting, investment

casting.

The process selection of specific qualitative is based on customer's technical standards, and then selects the reasonable production process.

The motor accessories is asked to show high specifications in appearance, performance, assembly and other aspects, regardless of the general requirement.

There is a rigorous production process from blank to machining process.

In the casting process, we focus on mold design, pouring temperature, aluminum and molten steel clarity (exhaust gas, slag removal), pouring speed, blank surface treatment.

In the manufacturing process, we also consider the rationality and stability of fixture design, the machining precision of critical dimensions, the rationality of turnover (method, protection, etc.), and the standard packaging and pallet methods to the final shipment.

### Motor Accessories Parameter (Specification)

Production process	Material	Strength	Application
Sand casting	ASTM A356.2	Equipment lightweight Good heat dissipation Well sound insulation	Car generator Water pump motor Hoisting Machinery Construction machinery Diesel generators
Gravity casting			
Low pressure casting			
Die casting	ADC12/A380	Low cost Not easily deformed	
Investment casting	HT100-HT350		
	KTZ450—06		
	KTZ550—04		
	KTZ650—02		
	KTZ700—02		
	QT400-QT900		

### Motor Accessories Feature And Application

Regarding to the type of power supply, it can be divided into DC motors and AC motors.

Electric machinery is that electromagnetic device implements the electric energy conversion or transmission according to the law of electromagnetic induction.

The circuit alphabet M (D as old standard) of the motor is represented generation of driving torque which is used as a power source for electrical appliances or various machinery.

Furthermore, the circuit alphabet G of generator is represented to convert mechanical energy into electrical energy.

Motor applications are quite extensive. For example, the low voltage below 48V applications have battery car motor, toy car, aviation model, electric shaver, etc. The applications of 110V & 220V have fan, hair dryer, treadmill, soymilk machine; medium voltage 380V & 660V have elevators, water pumps,

conveyor, etc. The high voltage 6300V & 10000V applications have drainage pumps for drainage pump stations, air compressor motors for coal mines, etc. Usually, the material of the motor housing is selected cast iron for the large size, and aluminum alloy for the small size.

Generally, gray cast iron is used. The gray cast iron can be divided into three kinds of material for motor accessories: grey cast iron, malleable cast iron, and ductile cast iron. All of them have advantages of low cost and not easy to deform.

### Motor Accessories Details

Production Process: sand casting (aluminum/iron)/gravity casting/ low pressure casting/ die casting + machining + surface treatment

Materials: aluminum alloy: ASTM A356.2/ADC12/A380/HT200/QT400

Surface treatment: shot blast, spray paint, painting, (normal, hard, color) oxidation, etc.

Surface requirements: customize

### Product Qualification

Matching photos:



Product photo:



### **Deliver, Shipping And Serving**

Transportation: by sea, by rail, by air

Shipping: pallets (plywood or fumigated wood), wooden case + lid + carton + corner protector + PE film

Delivery: FOB Ningbo or Shanghai recommend

Workshop photos: Machining equipment, Pouring & Die Casting

