

Body Housing and Fitting Joints

Our company is an OEM/ODM supplier. Our METALLECA® Body housing and fitting joints of the production can be customized according to requirement of domestic and foreign customers. Production would follow customer's specific requirements (assembly, performance, life, corrosion resistance, etc.) to select the appropriate processes and materials (mainly used casting aluminum alloy). Otherwise, the production and processing are based on the customer specification. We specialize in producing unpatented products and do not have our own brand. At present, we supply for supporting machinery and equipment to domestic and foreign customers only. We look forward to more inquiries and cooperation with new customers to become long-term partnership.



Product Description

You can rest assured to buy customized METALLECA® Body Housing and Fitting Joints from us. We look forward to cooperating with you, if you want to know more, you can consult us now, we will reply to you in time! We hope to establish friendly cooperative relationship with your company with high quality products, reasonable price, considerate service and create a better future hand in hand.

Low Price Body Housing and Fitting Joints of Factory

As for aggressive rates, we believe that you will be searching far and wide for anything that can beat us. We can easily state with absolute certainty that for such good quality at such charges we are the lowest around for 100% Original Factory China Electrical Alumina Square Ceramic Tube for Fuse, By our hard get the job done, we've constantly been around the forefront of clean technology merchandise innovation. We are a green partner you can rely on. Call us today for more data! 100% Original Factory China Ceramics, Ceramic Tube, For anyone who is keen on any of our merchandise right after you view our product list, you should definitely feel absolutely free to get in touch with us for inquiries. You are able to send us emails and contact us for consultation and we shall respond to you as soon as we can. If it's easy, you may locate out our address in our web-site and come to our business for far more information

of our goods by your self. We're always ready to construct extended and steady co-operation relations with any possible customers in the related fields.

1.Body Housing and Fitting Joints Introduction

The role of the hydraulic and pneumatic system in mechanical engineering is to increase the force by changing the pressure.

The production of METALLECA® Body housing and fitting joints, main components, is according to the pressure, working environment and conditions. Therefore, the different manufacturing methods are used, such as casting, forging, etc.

Valves body used in medium and low pressure are usually produced by casting methods (precision casting, gravity casting, low pressure casting).

It is effectively to combined with the valve body, valve core and the seat sealing ring that can form hermetically sealed space to withstand pressure (water, gas, oil).

The selected materials of the valve body are based on different production processes. The materials are normally selected aluminum alloy, cast iron, cast steel, stainless steel, carbon steel, etc.

2.Body Housing and Fitting Joints Parameter (Specification)

| Production Process | Material | Strength | Remarks |
|---------------------------------------|--|---|---|
| (Investment Mold) Precision Casting | AISI 304/CF8M | Strong corrosion resistance, Precision size | (Medium temperature wax) silica sol process |
| | WCB | Economical price /wide applicability | (Low temperature wax) water glass process |
| Gravity pouring/ low pressure casting | Aluminum alloy | Lightweight, Economical | (Steel mold) gravity or low pressure pouring |
| Shell mold casting | Copper alloy | Improve quality and applicability | Short period, High efficiency |
| Sand casting (cast iron) | QT400-15 QT400-18 QT450-10 QT500-7 QT600-3 QT700-2 | Complex structure huge size | Be applicable huge size machinery and equipment |
| | HT100/HT150 HT200/HT250 | | |
| Sand casting (cast steel) | WC1、WCB、ZG25、20、25、30 Low-alloy steel 16Mn; | | |

3.Body Housing and Fitting Joints Feature And Application

Application equipment or industry of METALLECA® Body housing and fitting joints:

Metallurgy, construction machinery, various processing machine tools, agriculture, energy industry, transportation industry, special industry, general machinery, etc. There are many types of hydraulic valve body according to function, control method, valve core structure, installation method, etc.

In function, it can be divided into three types: pressure control valves, flow control valves, and directional control valves.

Hydraulic and pneumatic systems are indispensable parts that are often used in the operation and control part of construction machinery. The main components are pressure gauge, oil pump, valve body, connector, oil pipe, oil cylinder, etc.

4.Product Details

METALLECA® Body housing and fitting joints Process:

gravity casting, aluminum die casting + machining + surface treatment (shot blast, oxidation, spray paint)

low pressure pouring + machining + surface treatment (shot blast, oxidation, spray paint)

pressure casting (investment mold) + machining + surface treatment (pickling, passivation, spraying)

cast iron/steel: blank + machining + surface treatment (pickling, passivation, spraying)

Materials: aluminum alloy ZL102 & ASTM A356.2

stainless steel AINI301/304/ CF8M/CF8

free lead copper HDT-2 (HBI60-0.8)

tin brass copper C46500/C46400

sand casting (cast iron) HT200/HT250

sand casting (cast steel) WC1, WCB, ZG25

Surface treatment: shot blast, pickling, spray paint, oxidation

Surface requirements: customize

5.Product Qualification

Matching photos:



Product photo:





6. 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