



## Worm Gear Drive Rectangular Multi-Blade Damper Precise Flow Control For Semiconductors Industrial

Our Product Introduction

### Basic Information

- Place of Origin: China
- Brand Name: FABIA
- Certification: FM, AMCA, ISO9001, CE, CCS, DNV CCS
- Model Number: 300mm\*300mm-1000mm\*1000mm
- Minimum Order Quantity: 1 set
- Price: Negotiable
- Packaging Details: Cartons/Wooden cases
- Delivery Time: 15-30 work days
- Payment Terms: L/C, D/A, D/P, T/T, MoneyGram, Western Union
- Supply Ability: 100-1000 set per week

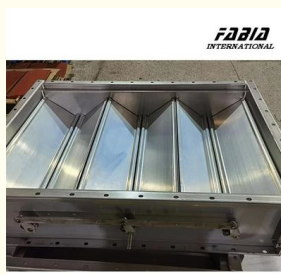


### Product Specification

- Product Name: Rectangular Multi-blade Damper
- Valve Connection: Flange
- Material: Stainless Steel
- Valve Body: Stainless Steel
- Control Mode: Worm Gear Drive/Pneumatic/Electric
- Design Pressure:  $\pm 6000\text{Pa}$
- Leakage:  $56\text{l/s/m}^3$  2000Pa
- Apply: Semiconductors, LCD Panels, Biopharmaceuticals
- Highlight: **Worm Gear Drive Multi-Blade Damper, Rectangular Multi-Blade Damper, Precise Flow Control Multi-Blade Damper**



### More Images



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## Product Description

Worm Gear Drive Rectangular Multi-Blade Damper Precise Flow Control For Semiconductors Industrial

### 1. Description:

Rectangular Multi-Blade Damper is mainly used for regulating the air volume of ventilation and exhaust systems in fields such as semiconductors, LCD panels, and biomedicine. Multi-Blade Damper structure can be designed as single zone, double zone, or four zone according to the valve dimension.

Enhance airflow control precision with our Square Multi-Blade Damper featuring a robust worm gear drive mechanism. Crafted from durable stainless steel, both the valve body and blades ensure longevity and corrosion resistance, ideal for demanding industrial environments.

### 2. Specification:

Product No.	Size (A)	Size(B)	Height	Thickness (body)	Thickness (blade)	D(shaft)	Control Model
FB-REMD-0300*0300-01	300	300	250	2.5	2.5	D18	Worm gear drive Pneumatic/Electric
FB-REMD-0400*0400-02	400	400	250	2.5	2.5	D18	
FB-REMD-0500*0500-03	500	500	250	2.5	2.5	D18	
FB-REMD-0600*0600-04	600	600	250	2.5	2.5	D18	
FB-REMD-0700*0700-05	700	700	250	2.5	2.5	D18	
FB-REMD-0800*0800-06	800	800	250	2.5	2.5	D18	
FB-REMD-0900*0900-07	900	900	250	2.5	2.5	D18	
FB-REMD-1000*1000-08	1000	1000	250	2.5	2.5	D18	
FB-REMD-1100*1100-09	1100	1100	250	2.5	2.5	D18	
FB-REMD-1200*1200-10	1200	1200	250	2.5	2.5	D18	
FB-REMD-1300*1300-11	1300	1300	250	2.5	2.5	D18	
FB-REMD-1400*1400-12	1400	1400	250	2.5	2.5	D18	
FB-REMD-1500*1500-13	1500	1500	250	2.5	2.5	D18	
FB-REMD-1600*1600-14	1600	1600	250	2.5	2.5	D18	
FB-REMD-1700*1700-15	1700	1700	250	2.5	2.5	D18	
FB-REMD-1800*1800-16	1800	1800	250	2.5	2.5	D18	
FB-REMD-1900*1900-17	1900	1900	250	2.5	2.5	D18	
FB-REMD-2000*2000-18	2000	2000	250	2.5	2.5	D18	
FB-REMD-2200*2200-19	2200	2200	250	3.0	2.5	D18	
FB-REMD-2500*2500-20	2500	2500	250	3.0	2.5	D18	
FB-REMD-3000*3000-21	3000	3000	250	3.0	2.5	D18	
FB-REMD-FREE	FREE						

### 3. Features:

Material:Stainless steel

Sealing material:PTFE

Pressure Design:±6000Pa

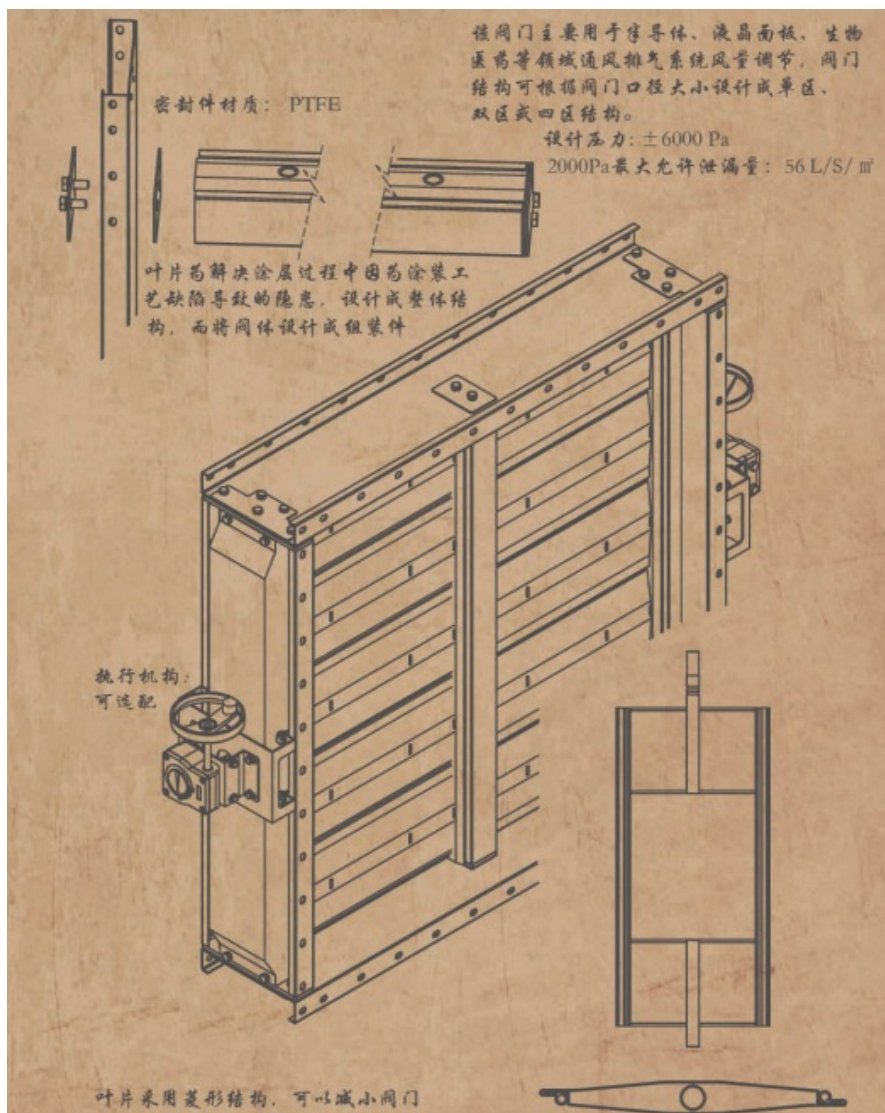
Maximum leakage:56l/s/m³(2000Pa)

The blade adopts a diamond structure, which can reduce the local resistance loss of the valve during operation. At the same time, the blade is reinforced and placed inside the double-layer blade, which not only looks beautiful but also achieves noise reduction effect;

To solve the hidden dangers caused by coating process defects during the coating process, the blades are designed as a whole structure, while the valve bodies are designed as assembly parts;

The blades are fully welded to ensure strength, and the blades and valve stem are also fully welded, which is more conducive to anti-corrosion coating.

Control Model:Worm gear drive/Pneumatic/Electric



Attribute Name	Attribute Value
Product Name	Rectangular multi-blade Damper
Valve Connection	Flange
Material	Stainless steel
Valve Body	Stainless steel
Control Mode	Worm gear drive / Pneumatic / Electric
Design Pressure	$\pm 6000$ Pa
Leakage	56 l/s/m <sup>2</sup> (2000 Pa)

Attribute Name	Attribute Value
Application	Semiconductors, LCD panels, biopharmaceuticals
Shape	Rectangular
Blades	Multi-blade
Adjustability	Adjustable blades for precise airflow control
Sealing	Excellent sealing for minimal leakage
Durability	Corrosion-resistant, suitable for harsh environments



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