

DA341F46(F4、PFA)

## 衬氟法兰蝶阀

Fluorine Lined Flange Butterfly Valve

ROVV® 上海罗杰斯  
SHANGHAI ROGERS VALVE

### 产品概述 Product Overview

衬氟法兰蝶阀是一种阀门，其阀体采用分体式设计，阀轴两端的密封由蝶板与阀座之间的旋转基面加氟橡胶来控制，从而保证阀轴不与腔内流体介质接触，更换阀轴时非常方便，阀门不需要拆离管道即可完成。这种设计使得阀门结构紧凑、外形美观，工艺合理且性能可靠。

Fluorine lined flange butterfly valve is a type of valve whose valve body adopts a split design. The sealing at both ends of the valve shaft is controlled by the rotating base surface between the butterfly plate and the valve seat, and fluororubber is added to ensure that the valve shaft does not come into contact with the fluid medium inside the chamber. It is very convenient to replace the valve shaft, and the valve can be completed without disassembling the pipeline. This design makes the valve structure compact, aesthetically pleasing, with reasonable craftsmanship and reliable performance.

### 产品特点 Product Features

- 1、体积小、重量轻：衬氟法兰蝶阀体积小、重量轻，便于安装和维修。
  - 2、操作轻巧：操作轻便，适合频繁操作。
  - 3、密封性能优良：采用软密封结构，密封性能优良，能够实现零泄漏。
  - 4、耐腐蚀性强：阀体内衬有氟塑料材料（通常为聚四氟乙烯），能够有效抵抗酸、碱、盐等腐蚀性介质的侵蚀。
  - 5、使用寿命长：由于采用高质量的衬里材料和良好的密封设计，使用寿命较长。
  - 6、结构简单：结构简单，开关迅速，只需90°旋转即可启闭。
1. Small size and light weight: The fluorine lined flange butterfly valve has a small size and light weight, making it easy to install and maintain.
  2. Easy to operate: Easy to operate, suitable for frequent operations.
  3. Excellent sealing performance: Adopting a soft sealing structure, it has excellent sealing performance and can achieve zero leakage.
  4. Strong corrosion resistance: The valve body is lined with fluoroplastic material (Usually polytetrafluoroethylene), which can effectively resist the erosion of corrosive media such as acid, alkali, salt, etc.
  5. Long service life: Due to the use of high-quality lining materials and good sealing design, the service life is relatively long.
  6. Simple structure: The structure is simple, the switch is fast, and only 90 ° rotation is needed to open and close.



蝶阀系列  
Butterfly Valve Series

### 技术参数 Technical Parameter

公称通径 Nominal diameter	DN50~2000 NPS2"-80"
公称压力 Nominal pressure	PN16~PN420 Class150~2500
适用温度 Applicable temperature	-20~550°C
适用介质 Applicable media	水、污水、海水、空气、蒸汽、煤气、可燃气体、腐蚀性介质、油品及食品等 Water, sewage, seawater, air, steam, coal gas, combustible gases, corrosive media, oil products, and food, etc
传动方式 Transmission mode	手动、蜗轮、气动、电动、液动 Manual, Worm gear, Pneumatic, Electric, hydraulic

### 主要零部件材质 Materials of Main Parts

零件名称 Part name	材料 Material			
	灰铸铁 Grey cast iron	碳钢 Carbon steel	不锈钢 Stainless steel	
	Z	C	P	R
上下阀体 Upper and lower valve bodies	HT250	WCB	CF8	CF8M
衬里层/阀座 Lining layer/valve seat	F4,PFA,F46	F4,PFA,F46	F4,PFA,F46	F4,PFA,F46
蝶板/阀杆 Butterfly plate/valve stem	WCB	WCB	CF8	CF8M
填料压盖 Packing gland	WCB	WCB	CF8	CF8M
填料 Filler	PTFE	PTFE	PTFE	PTFE

以上资料仅供参考，具体参数以罗杰斯技术部规格书为标准。

The above information is for reference only, The specific parameters are based on the specifications provided by ROVV Technical Department.