

## 加氢阀 HYDROGENATION VALVE

用于有高压、高温和临氢(并含有硫化氢)场合，其最高压力42MPa,最高温度550°C。

For high pressure, high temperature and hydrogen (and containing hydrogen sulfide) occasion, the maximum pressure is 42MPa, the maximum temperature of 550°C.

设计标准：ASME B 16.34

Design standard: ASME B 16.34

阀门试验：API 598

Valve test: API 598



### 设计特点

中腔压力自密封、阀体自密封部位堆焊不锈钢内衬  
 闸阀：弹性楔形闸板  
 截止阀：密封二次节流技术、阀瓣全程导向  
 止回阀：内置式悬吊阀瓣  
 密封硬质合金  
 复合填料加碟簧活载荷

### 制造范围

尺寸范围：2"~24"  
 压力等级：ANSI 2500LB

### 操作性能

铸造材料：WCB, WC6, WC9, CF8C等  
 锻造材料：A105, F11, F22, F321  
 冶炼方法：中频炉+AOD  
 特殊要求：S<0.015, P<0.020  
 无损探伤：逐件射线探伤、铁磁性湿磁粉探伤、不锈钢PT探伤  
 操作方式：手动、齿轮、电动

### Design Features

Cavity pressure self sealing, self sealing parts welding stainless steel lining  
**Gate valve:** Flexible wedge  
**Globe valve:** Seal the secondary reduce expenditure technology and the entire process oriented  
**Check valve:** Valve disc with hangs and built-in valve body  
 Seal hard alloy  
 Composite filler with disc spring live load

### Manufacturing Scope

Diameter: 2"~24"  
 Pressure: ANSI 2500LB

### Operating Performance

Casting material: WCB, WC 6, WC 9, CF8C etc.  
 Forging materials: A105, F11, F22, F321  
 Smelting method: Intermediate frequency furnace +AOD  
 Special requirements: S≤0.015, P≤0.020  
 NDT: each valve by one ray testing, ferromagnetic wet magnetic particle inspection, inspection of stainless steel PT  
 Mode of operation: manual operation, gear, electric