

Ultra Hi-SpeeDi

(Product Feature)

Pneumatic Ultra-High Speed operated valve

How quickly the valve shut-off ?

Shut-off the flow in 0.085 sec after order signal

Why the valve can be shut-off so fast ?

Quarter turn ball valve (90 degree from open to close)

Quick response solenoid valve

High strengthened cylinder with high spring constant spring inside

Compact design with Anti-vibration components

All in one unit with Anti-vibration designed

Our designed Top entry ball valve

Our designed Pneumatic Cylinder under development

Solenoid valve (under development of our designed)

Filter regulator

Proximity switch for open-close position detector

Silencer if necessary

(Application)

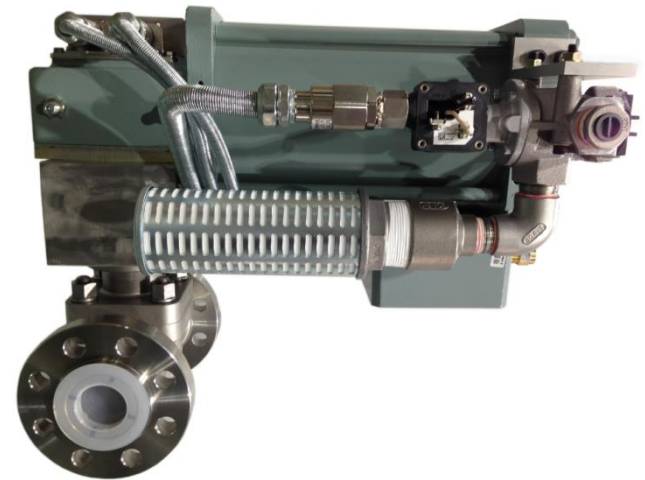
Class 600 & 300 rating 1-4B

Gas fuel, Liquid fuel, Water, Steam

(Experience)

Almost 300 sets of Ultra Hi -SpeeDi delivered since 1995

More than 40 years experience for manufacturing top entry ball valve for use in various electric power plants of power companies)



Ultra Hi-SpeeDi

(Performance)

- Closing time : within 0.085 sec at 300,600psi supply flow pressure
- Opening time : about 1 sec at 0.4MPa supply instrument air at 300,600psi supply flow pressure
- Operation : fail close
- CV : 85
- Main seat leakage : zero
- Cycle life : more than 20,000 cycles
- Air consumption : 10NI (Class600 2B) as example (air supply from outside with the pressure more than 0.4MPa is necessary)

(Components)

- Ball valve of flange end : top entry ball valve for easy maintenance
- Pneumatic Cylinder : purchase , under evaluation of our designed
- Solenoid valve : purchase (Herion , Germany) , under development of our designed 24VDC,100VDC,110VDC,125VDC
- Filter regulator : purchase
- Proximity switch for open-close position detector : purchase (i3nG5) (Turch , Germany) , controller (24VDC)
- Silencer if necessary : purchase

