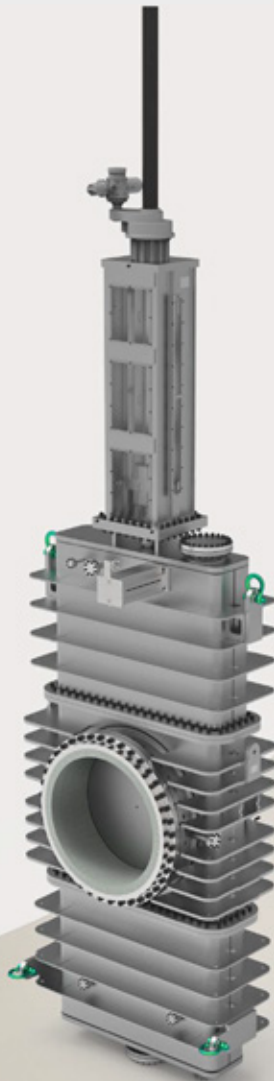


# Process Automation

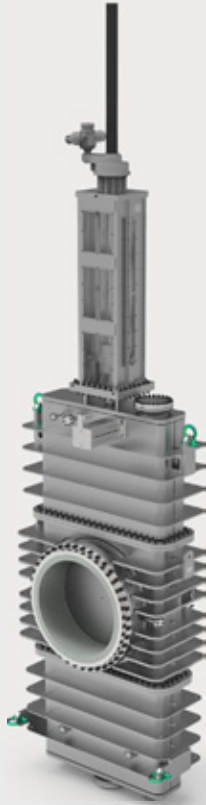
IMI Z&J



## Fluidised Catalytic Cracking Unit Fractionator Isolation Valves



Breakthrough  
engineering for  
a better world



# Fluidised Catalytic Cracking

## Unit Fractionator Isolation Valves

Our isolation valves are based on proven double disc / double isolation valve designs. These valves can be adjusted to meet the requirements of the fluid catalytic cracking process.

### Key Features

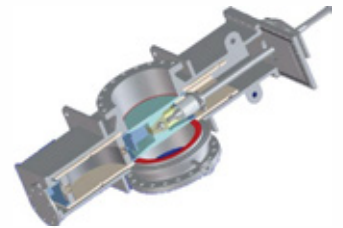
- Double-block and purge shut-off (automatic line blind functionality).
- Disc and body seats protected from erosion and coke media, in both open and closed positions.
- Internal components and valve cavity kept clean of process media.
- Various mounting orientations horizontal, vertical, etc.
- Reinforced and stiff valve body designed to withstand project specific line loads.
- Various line connections welded-in, flanged, customized.
- Material selection according to operation & design conditions.

## Benefits

- Fully automatic Isolation of the fractionator.
- Ensures operator safety no exposure to process temperatures & pressure.
- Operation time - within minutes (fully open to fully closed).
- Cost efficient solution (manual blinding vs automatic valve solution).
- Reduces down-time.
- Safeguards plant operation no exposure of explosive gases to atmosphere, during operation.



Valve in open position



Valve in closed position

## Specification

### Dimensions

Sizes from 6" to 100"

### Ambient Temperature

-40 °C to + 60 °C / -40 °F to 140 °F

### Actuator Types

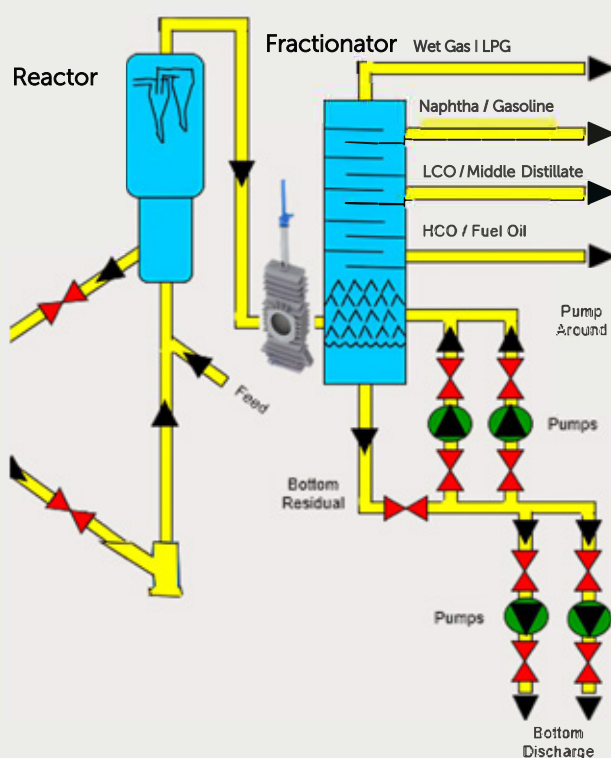
Electrical actuator types

### Leakage Rate

API 598

### Purge Media

Steam or nitrogen





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FLUID CONTROL



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