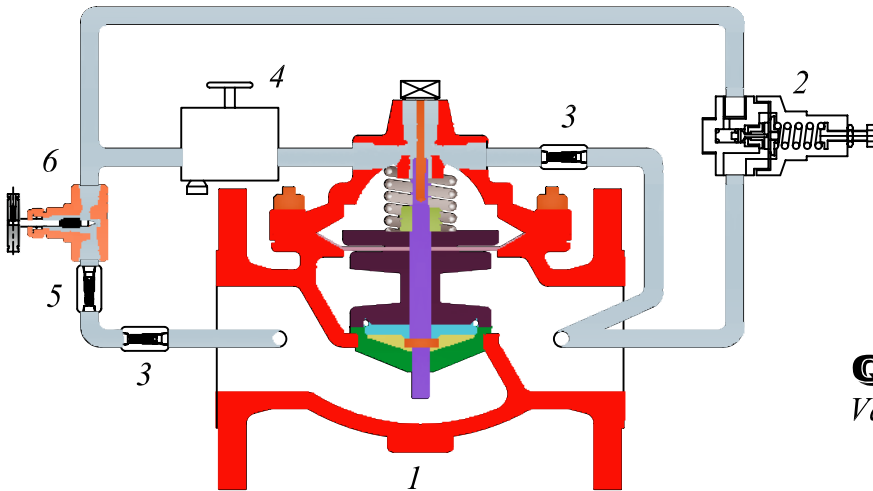


# PRESSURE REDUCING/CHECK VALVE

## SERIES NO:- 303



### ADJUSTMENT RANGE:

Standard: 20-175 psig  
Optional: 0-30 psig  
100-300 psig  
(stainless steel control)

### QUICK SIZING:

Valve size one size smaller than line.

### VALVE FUNCTION

- Reduces higher inlet pressure to constant lower outlet pressure (adjustable)
- Close when outlet/downstream pressure exceeds inlet/upstream pressure

Automatically reduces a higher inlet pressure to a constant lower outlet pressure regardless of changing flow rate and/or varying inlet pressure. Equipped with a hydraulic check feature to prevent reverseflow on pressure reversal.

### Points to consider: -

- See Engineering Data - Pressure Reducing Sizing
- Check maximum and minimum flow
- Check pressure drop - pressure reducing valves or cavitation chart
- If valve size required is smaller than line size, consider ACV 303

Consult NU-TECH ACV representative/factory

### COMPONENTS

1. Main Valve
2. Pressure Reducing Control
3. Check Valve
4. Adj. Opening Speed (3" and Smaller)
5. Fixed Orifice
6. Adj. Closing Speed

### ACCESSORIES

LOCATED AS INDICATED

INCLUDED AS MARKED

- Isolation Cocks
- Flo-Clean Strainer
- Y-Strainer
- Position Indicator
- Limit Switch
- Adjustable Closing Speed

## Nutech Valves

37, Shreeji Industrial Estate, Raypur Mill Compound, Saraspur, Ahmedabad - 24

Ph..( O ) :- 079 - 29292112, 32923375 Fax :- 079 - 22133122

E-Mail :- sales@nutechvalves.com Website :- www.nutechvalves.com

**AN ISO 9001:2000 Certified Co.**