

Our Unique Venturi-Cage Valve

• Straight-thru Design- solves your performance problems

1. Eliminates Damage: Our unique nozzle design smoothes turbulence which eliminates body, trim and piping damage caused by high velocity fluid impingement in your system.
2. Handles Greater Flow: Since we have no tortuous path through our valve, our valves have a higher Cv than that of the same size valve made by competitors, often saving you money.
3. Precision Modulation & Control: Our 200:1 turndown ratio and linear flow characteristic gives you precise control over the entire operating range.

• Unique Trim Design – lowers your cost of ownership

1. In-Line Repair: All styles can be repaired in-line without the need for expensive special tools saving you time and money.
2. Long Life: Our trim design uses wear components at the critical places along the flow path maximizing design life for the application.
3. Low Replacement Costs: Our unique ball, cage and wear bushing design allows you the flexibility to replace only the worn parts, lowering your cost of repair significantly when compared to our competition.

• Wide Application Range- can be used in nearly any service

1. ANSI 150 to 4500: Handles all ANSI applications, pressures up to 16,000psi and temperatures from -425°F to 1900°F.
2. Liquid, Gas, Steam, Slurry: Our non-tortuous path design handles liquids, gases, steam (including mixed phase flow), abrasives and many slurry applications.
3. Materials: Standard body materials are Carbon, Alloy and Stainless Steel. High nickel and exotic alloys are also available – any weldable alloy that is available as a forged material can be used.

• Venturi Nozzle Design – reduces turbulence in your piping system

1. Cavitation Control: Our nozzle design controls cavitation and reduces the associated noise and vibration.
2. Particulate and Mixed Phase Flow: Our nozzle design moves particles and water droplets to the middle of the flowstream avoiding costly damage.
3. Prevents Erosion: Our nozzle design smoothes the flow and reduces the potential for valve body and pipe erosion.

• Class V Shutoff

• Actuation

The actuator (Linear: pneumatic, hydraulic, electric etc.) and accessories (positioners, limit switches, manual over-rides, etc.) of your choice can be mounted on the valve.