



VALVE AND FLOW CONTROL SPECIALISTS
SERVICE AND RELIABILITY

Engineered V-Port Valves for Severe Service Applications where precise control is required

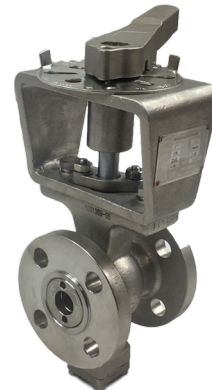
Metal or Soft Seated
Low Noise Trim option

Size Range:
1"-24"

Pressure Rating:
Flanged End: 150#, 300#, 600#
Wafer Type: 150#, 300#

Standard Body Materials:
Carbon & Stainless Steel
Options: 304, 317, 2205

The Segmented series V notch unibody construction minimizes the number of potential leak paths. Available in flanged or flangeless end connections.



Ideal Valve Design for Clean or Dirty Liquids, Gases and Fibrous Suspension Applications

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Brisbane Sydney O gnlqwt pg''''Rgt vj Darwin
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SERVICE

Vj g'ugi o gpygf "series is a quarter turn control valve generally recommended for throttling service. Our segmented ball valve combines globe control flow characteristics with the efficiency of the rotary type ball valve. The segmented ball is a V-notch design with strong cutting force and a self-cleaning design, especially suitable for control of media containing fiber and tiny solids. Segmented ball valves were designed for the pulp and paper industry. Through research and development, segmented ball valves extend to other industrial markets such as petro-chemical, petroleum, chemical, fiber, power, metallurgy, pharmacy, environmental protection and many more flow control applications.

DESIGN FEATURES

Precise contouring of the V-notch provides excellent control characteristics for an extensive variety of flow applications. An ideal control performance is designed into the geometry of the ball for critical management of flow. A locked ball-to-shaft connection ensures no lost motion during critical control.

Splined connection between the shaft and ball ensures precise control and low hysteresis.

Streamlined flow passage provides maximum efficiency and minimizes erosion inside the valve body.

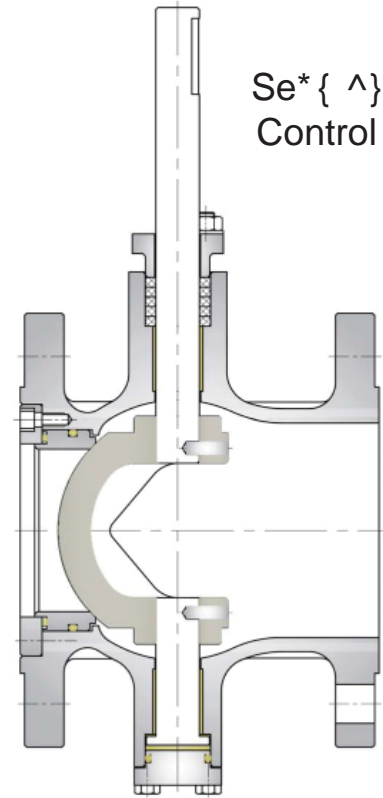
Detachable seat retainer design provides easy access to trim parts of the valves through inlet of valve by simply removing the screws of retainer allowing for easy maintenance. Repair kits are available for all valve designs.

Superior trunnion bearing technology is engineered for excellent abrasion resistance.

Rugged self-adjusting metal seated option is ideally suited for higher temperature applications or slurries. Spring loaded seat maintains constant contact with the ball, providing enhanced sealing performance.

Shearing action between ball and seat promotes smooth, non-clogging operation, perfect for fibrous or slurry applications.

Se* { ^ } c'å Series Control Valves



A locked ball-to-shaft connection ensures no lost motion for critical control.

