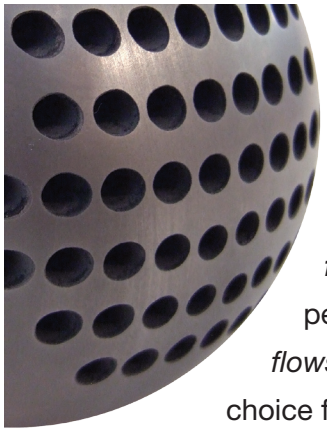
FlexStream™

DATA SHEET

Rotary Control Ball Valve



Innovative Technology

MOGAS now offers FlexStream™ — an engineered rotary control ball valve solution that incorporates a direct-mounted actuator control package. Its ***flex****ible* design, combined with superior performance in controlling the fluid *flow****stream***, make FlexStream™ the preferred choice for extreme conditions.

FlexStream™ — A Patented Design

Media

Liquids
Gases
Multi-phase fluids

Industries

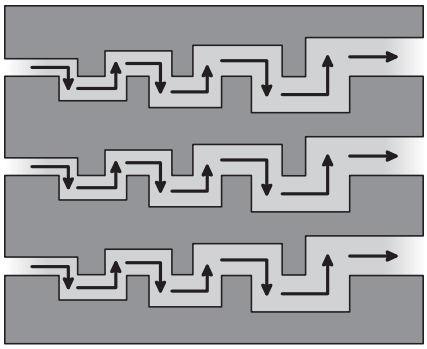
Power
Process
Oil & Gas
LNG
Pipeline

Applications

Compressor anti-surge
Feed gas regulation
Gas to flare
Emergency depressurization
Export gas regulation
Sootblower
Condensate control
Heater drain / dump / level
Deaerator level control
Feedwater control
Inlet / outlet pressure control
Gas withdrawal
Emergency & service vents
Fuel gas regulation valves
Metering station valves
Pipeline regulator

Designed to Give You More Control

- By forcing the process fluid to turn through a series of right angles, the fluid can be controlled at each stage of pressure letdown.
- Right-angle turns and expanding flow passageways remove kinetic energy from the fluid, while lowering pressure in a controlled manner.



This cross-section view of typical flow passageways inside the control ball illustrates design principles used in FlexStream™ valves, providing better control of velocity / noise / vibration / erosion.

Advantages Surpass Traditional Control Valves

- Innovative design that delivers all the control of a traditional globe or axial valve
- Utilizes standard rotary ball valve technology
- Cost per Cv much lower than traditional control valves
- Footprint much smaller than traditional, larger control valves
- Exceptionally high rangeability
- Rotary sealing gives better fugitive emissions performance
- Produces multiple stages of letdown to control pressure drop
- Controls high differential pressures
- Limits velocity and vibration
- Reduces noise
- Eliminates cavitation
- Anti-blowout stem with anti-static device

Flexible Options to Fit Your Situation

- Floating or trunnion ball design
- 2-piece or 3-piece body construction
- Metal-seated or soft-seated
- Wide range of material options
- Sizes from 2-inch to 36-inch
- ASME 150 – 2500 Class
  API 5000 – 15000 Class

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MOGAS® SEVERE SERVICE BALL VALVES