

Flowserve McCANNA Cartridge Ball Valve



Replacement Cartridge Design

Renews All Internal Components for Remote Servicing in Hazardous Applications

flowserve.com



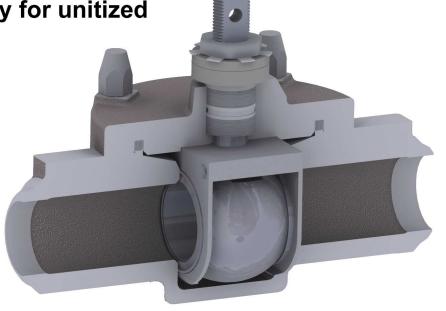


* Top Entry design

* Single cartridge assembly for unitized

repair

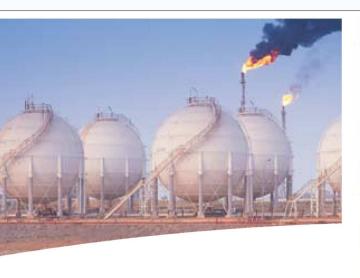




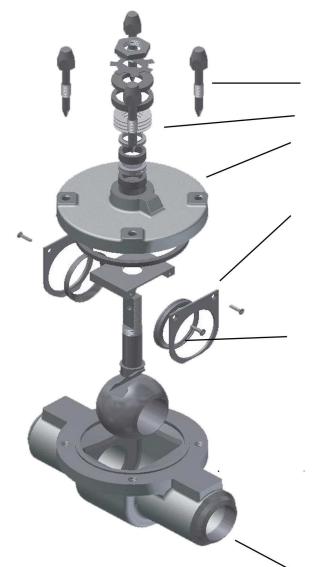
- * 1/2"- 8"/15mm-200mm Size Range
- * Pressure Class ANSI 150-900
- * Temperature capability to 1200F/650C
- * Full-port design offers obstructionfree flow path for high flow and reduced velocity
- * Soft and Metal Seat technology



Features







Captive self- aligning bonnet bolting Live loaded stem sealing Bonnet withdraws cartridge assembly

Cartridge design simplifies repair in hazardous containment or remote locations

Unique one piece metal seat design with good sealing performance over a wide temperature range Polymer seats for less demanding applications

Flexible seat design self adjusts to changing process conditions

One piece body minimizes leak paths



OPTIONS

Flowserve can solve your problems with custom products

Size Range: 1/2" to 8"/15mm-200mm Pressure Classes: ANSI 150-900 End Connections: RF.BW.SW.TE

Materials: Any cast alloy or forged/bar stock

Seals: Polymer and graphite

Seats: Multiple Metal Seat options - contact factory for details

Multiple Soft Seat/Seal options - contact factory for details

Material	Max Radiation	Max Temp	Strength
UHMWPE	108 Rad	200F (93C)	Abrasion resistant
PEEK	108 Rad	525F (274C)	High-temp
EPDM	108 Rad	275F (135C)	Resilient @ Hi dosage
TFM	10 ⁷ Rad	450F (232C)	Chem-Resistant
Viton(R)	10 ⁷ Rad	400F (204C)	Chem-Resistant
ETFE (Tefzel(r))	10 ⁷ Rad	302F (284C)	Chem-Resistant

Other Options: Custom shaft and bonnet extensions

Automation packages

Can be manufactured to NQA-1 quality requirements

Other available Flowserve Products:

Worcester F911 cartridge valve. Designed to BS5351, and to meet the fire testing requirements of ISO 10497, the valve can be manufactured from virtually any wrought material to meet the most demanding applications. Available in sizes 15-50 mm with butt weld end connections. Pressure rating 50 bar.







Ordering

Contact the factory for application assistance and POA pricing

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