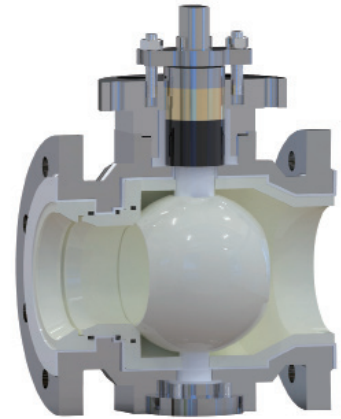


FCCV8 DOUBLE LINING CERAMIC BALL VALVE

The metal inner wall is coated with PTFE material using the molding process. The PTFE material is formed and closely bonded with the metal, providing reliable corrosion resistance and sealing performance. The flow passage is fully lined with ceramic, ensuring excellent wear resistance and corrosion resistance of the valve. With double sealing protection, it is suitable for highly corrosive critical applications.



Structural characteristics

- Double lining structure, double sealing, and corrosion protection;
- The PTFE lining is applied using the molding process, combined with a dovetail groove design, ensuring the lining does not detach.
- The split-body design reduces the cavity volume, preventing material accumulation.

Main technical parameters

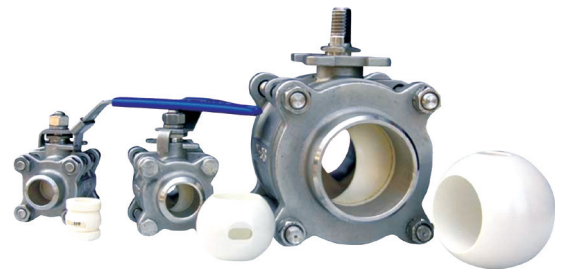
Structural form	Floating Ball or Fixed Ball
Flange standard	ASME B16.5/HG/DIN/JIS
Nominal Path	DN15-DN250
Nominal pressure	≤300Lb
Service temperature	-40°C~180°C

FCCV UNLINED HARD CERAMIC BALL VALVE

The full bore series ceramic ball valve is suitable for all corrosive media applicable to stainless steel, as well as harsh conditions containing high-hardness particulate media.

Main technical parameters

Structural form	Fixed Ball
Flange standard	ASME B16.5/HG/DIN/JIS
Nominal Path	DN15~DN250
Nominal pressure	≤300Lb
Service temperature	-40°C~180°C



ELCV ECONOMICAL CERAMIC BALL VALVE

The structural form is essentially the same as the FCCV1 structure, but without the upper platform. The material selection is flexible based on working conditions, opting for cost-effective structural ceramics with slightly lower reliability.

Main technical parameters

Structural form	Fixed Ball
Flange standard	ASME B16.5/HG/DIN/JIS
Nominal Path	DN15~DN250
Nominal pressure	PN10~PN50/150Lb~300Lb
Service temperature	-40°C~180°C

