

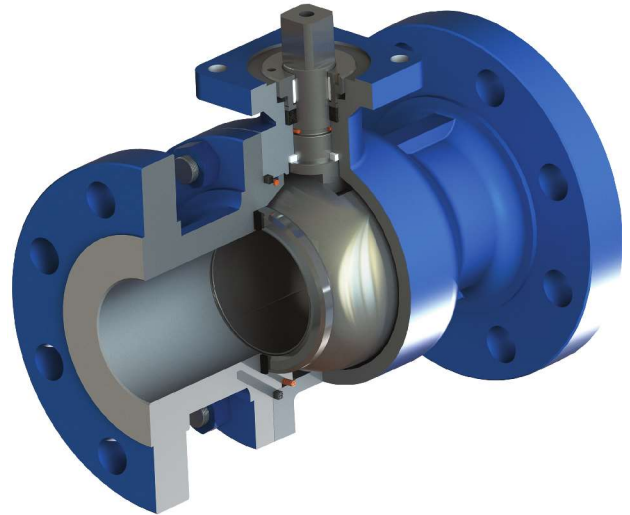
SANKEY METAL SEATED BALL VALVE

Sankey metal seated valves are available with engineered metal seats for today's demanding process conditions. These metal seated valves are suitable for applications with elevated temperatures or highly abrasive conditions.

The valves are typically provided with hard chrome plated 316SS or electro-less nickel plated ball and hard faced Stellite seats. The valves are manufactured to Class IV shut off but Class VI shutoff can also be provided.

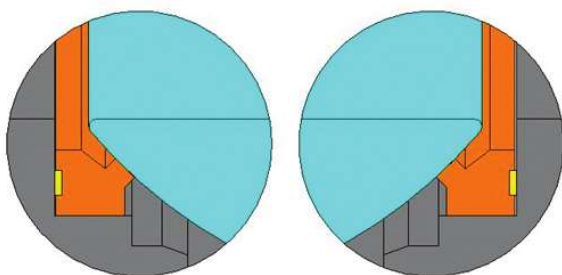
Design Features

- Full bore design ensures actual line capacity flow and reduces the risk of clogging when handling solids and slurries.
- Wall thickness complies with ASME B16.34 and BS 5351.
- Additional stem bearing is provided for some valves to reduce side thrust on seals and prevents stem wobbling.
- Ball and seats lapped for optimum performance and tight shutoff.
- Blow-out proof stem and low emissions seal.
- All valves come with graphite packing and backup seal and are fire safe.



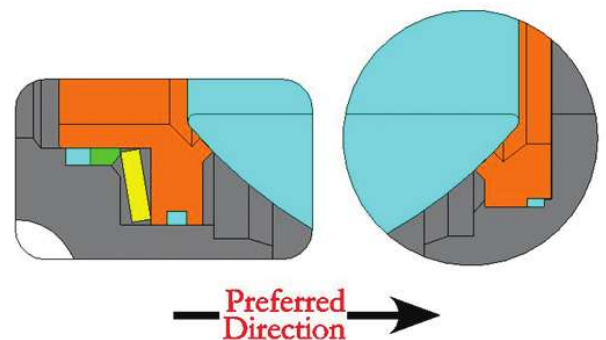
SEAT CONSTRUCTION

STANDARD SEAT CONSTRUCTION



Description Locked scraper with bi-directional shutoff
Material SS316 hardfaced with Stellite 6
Seal Grafoil
Temperature Upto 743°F (395°C)

HIGH TEMPERATURE SEAT CONSTRUCTION



Description Spring-loaded bi-directional sealing
Material SS316 hardfaced with Stellite 6
Seal Grafoil and Inconel load ring
Temperature Upto 1000°F (538°C)