

## Application Bulletin

### Oil & Gas

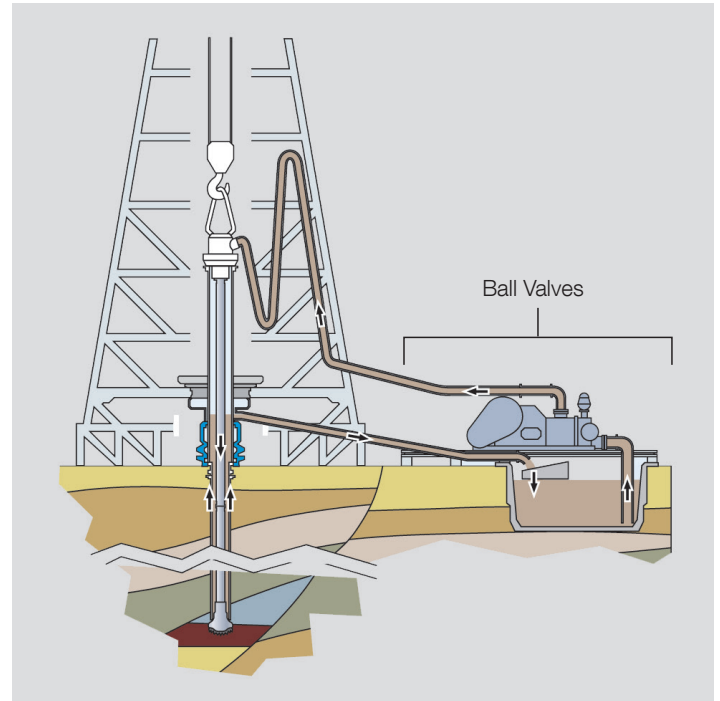
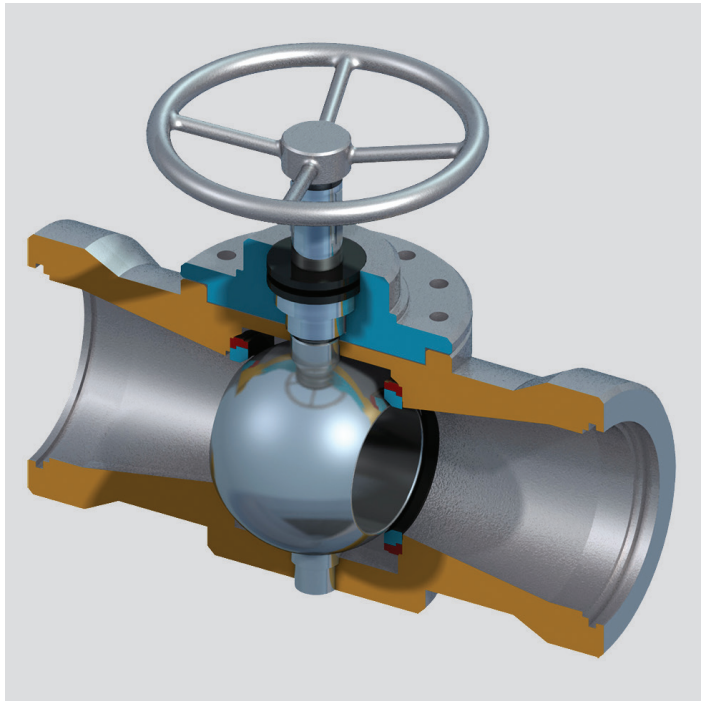
### Transport – Ball Valves

**Ball valves are extensively used in the oil and gas industry for flow diversion and safety applications. Their rugged design allows them to be used in high pressures applications. The precision-fit balls and seats are subject to galling, abrasion and erosion in service that can result in unintentional backflow or leakage.**

#### The Oerlikon Metco Solution

Protect balls and seats from galling, corrosion and wear with Oerlikon Metco HVOF materials and application equipment.

- Ensure smooth valve actuation, even after long periods of inactivity
- Ensure valve safety and integrity
- Maintain precision ball-seat fit, preventing unintentional valve backflow or leakage



#### Recommended Oerlikon Metco Products

Amdry 5843	Premium galling, wear and corrosion protection on balls applied using HVOF-GF
WOKA 3652	High galling, wear and corrosion protection on balls applied using HVOF-LF
WOKA 7203	High galling, wear and corrosion protection on seats applied using HVOF-GF
WOKA 7202	High galling, wear and corrosion protection on seats applied using HVOF-LF
HVOF Systems	HVOF gas and liquid fuel thermal spray application systems

#### More Information

DSMTS-0113
DSM-0221
DSM-0240
DSM-0240
HVOF Solutions

Information is subject to change without prior notice.