

## Top Drive Drill Stem Safety Valves

Top Drive Drill Stem Safety Valves (DSSV) are widely used for both blow out prevention and mud control during drilling operations. Our valves are in service in every oil producing country in the world, and on the biggest rigs in the world. Using our patented Dual Ball Valve, top drive manufacturers can now produce equipment with greatly reduce stack heights while maintaining independent blow out prevention functionality.



## Features

One piece body with full drill bores

Patented upper split ring and seat design for ease of equalization and improved serviceability

Patented Dual Ball technology available, which incorporates two independent valves and single body

Can be remotely actuated with our patented Rotary Hydraulic Actuator

Balanced stem stop design for accurate, robust stopping and proper ball alignment

Gas tight, metal to metal seat seals, in both directions

Reduced stem diameters for low torque operation even under maximum pressure

Removable inserts protect the stem seal areas in the body and provide maximum body life

API Spec 8C tested and compliant configurations available

NACE trim

Available in a wide variety of sizes and end connections

Reliable, field proven, serviceable design