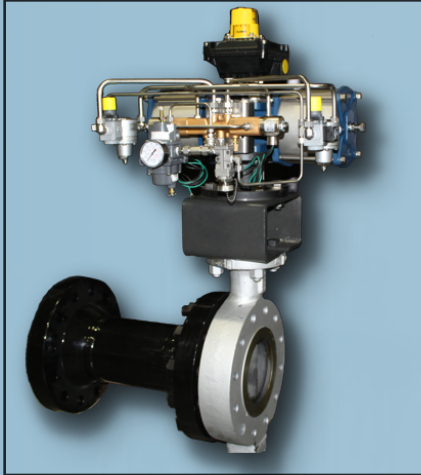


Valve Solutions for Oil & Gas Applications Including: Dehydration Switching (molecular sieve), Turbo Expander Inlet / Outlet & ESD, Crude Oil, Hot Oil and LNG Isolation for Upstream, Midstream & Downstream Facilities



ANSI 600# Triple Offset Metal Seated Isolation Valve with Automation & Spool for drop in replacement of lift & turn ball valve

Dehydration Switching Valves

Genesis Systems, Inc. provides a total solutions package for this demanding application. **Zwick** Zero Leakage, Triple Offset valves has been a leader in the market since 1976. **Zwick** has a global presence in the O&G market and has been successfully applying their product into molecular sieve service since the early 80's. The high temperature swings and abrasive media associated with this service are mitigated by **Zwick's Mol Sieve Trim Valve with Stellite 21 seat and nitride coated SS seal ring**. Zwick valves are supplied with customized automation packages designed to meet your speed of operation, fail position and supply specifications.

Zwick's offering includes:

- Pressure Ratings: ANSI 150# to 1500#
- Body Styles: API 609 Wafer/Lugged, ISO 5752 double flanged, ASME B16.10 double flanged
- Temperature Range: -425° F to 1500° F
- Body Materials: WCB, 316 SS, LCB, LC1, Hastelloy, Monel/Bronze, Full Cryogenic Trim



Turbo Expander Inlet/Outlet Valves

Genesis Systems provides a total solution package for turbo expander inlet and outlet valve applications. **Zwick** valves are Triple Offset, all metal construction with Stellite 21 Seats and Nitride Coated SS seal rings that perform to Zero Leakage specifications. Zwick can be used on inlet or outlet (carbon steel to -40° F, 316 SS to -76° F, and full cryogenic to -425° F), Genesis Systems supplies High Performance Butterfly valves in ANSI 150, 300 and 600 lugged body configurations for **Semi-Cryogenic** applications to -150° F. Both valves styles can be supplied with custom, **High Speed (.5 to 2 second operation) Automation Packages** with Control Accessories including Solenoids, Limit Switches, Positioners, Dump Valves and Fusible Link for ESD Operation.





Oil & Gas Isolation Valves

Genesis Systems provides the following products for Oil & Gas Service:

- **Zwick**- Metal Seated, Zero Leakage, Triple Offset Valves
- **Apollo Industrial, Pratt Industrial** - High Performance and Resilient Butterfly Valves
- **KF** - API 6D Trunnion, Double Block & Bleed Ball Valves
- **Apollo Industrial** - Soft Seated Ball Valves
- **Limitorque** - Pneumatic Rack & Pinion, Pneumatic Scotch-Yoke and Electric Motor Operators
- **Morin/Biffi** - Pneumatic Scotch-Yoke
- Power Actuated Valve Accessories from ASCO, Versa, Westlock, PMV and many others.



Stocking Distributor for:

Limitorque



ZWICK
VALVES NA LLC



Genesis Systems Capabilities:

- Sales, service and engineering support in Texas and Oklahoma with a knowledgeable, professional and dedicated staff.
- Valve automation center (VAC) with capability to automate and test valves ranging from 1/2" to 48" with pneumatic, hydraulic or electric actuators.
- All automated valve packages are cycle tested and calibrated prior to shipment.
- In house engineering to support customer with valve/ actuator selection and custom automation package design.
- Field startup and testing support
- CAD drawing and document support



Call Genesis Systems for your Oil & Gas Valve Needs!