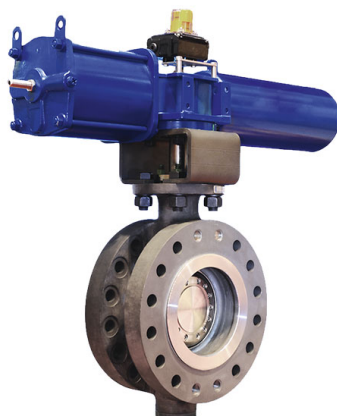


Triple Offset Valves

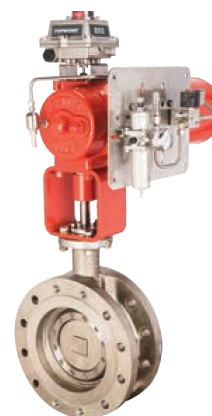


Vanessa Series 30,000 Triple offset valve.

Featuring an integral-to-body seat, these valves are suitable for a wide range of applications including zero leakage* isolation, on-off, emergency shutdown and pressure/flow control.

Features

- Full metal construction.
- Stellite® grade 21 seat overlays provide excellent durability.
- Resilient metal seal ring ensures perfect seating force distribution.
- The one-piece shaft ensures high pressure containment safety/maximum torque seating integrity.
- Two-piece packing gland and graphite packing minimize external emission risk.
- Heavy duty bearings withstand high pressure loads and wear.



Vanessa Series 30,000 Basic configuration.

Suitable for temperatures between -50°C / -58°F and 425°C / 800°F, the Series 30,000 basic configuration is extremely robust and inherently fire-resistant thanks to its all metal construction.



Vanessa Series 30,000 High temperature configuration.

The high temperature configuration is suitable for applications up to 815°C / 1500°F.

The valve is designed to compensate for the thermal expansion of components and to withstand 'material creep' at temperatures over 600°C / 1112°F. The extended bonnet helps to maintain the packing operating temperature which greatly reduces the risk of fugitive emissions.





**Vanessa Series 30,000
Cryogenic configuration.**

Series 30,000 cryogenic valves feature an extended bonnet, which meets the requirements of BS 6364, and are constructed from materials carefully selected to match pipe specification and project requirements while also being unaffected by cryogenic conditions and severe temperature fluctuations.



**Vanessa Series 30,000
Cryogenic butt weld top entry.**

When an inline maintenance capability is mandatory, this design allows for access without removing the valve body from the line. The entire valve trim can be removed from the body and individual valve parts can be accessed in total safety.



**Vanessa Series 30,000
Liquid oxygen (LOX).**

This Vanessa Series 30,000 Triple Offset Valve configuration features a full metal construction, frictionless trim rotation, and torque seating. This, combined with innovative material selection and a dedicated manufacturing process, ensures outstanding isolation and control functions at cryogenic temperatures in liquid oxygen (LOX) applications.



**Vanessa Series 30,000
Molten salt solutions.**

A 'molten salt' valve has been specifically designed for solar power generation applications. The butt weld body style features an extremely compact design that fully integrates with the pipeline and significantly reduces thermal dissipation simplifying the piping insulation design.



**Vanessa Series 30,000
Sulfur recovery solutions.**

Series 30,000 valves featuring a thermal jacket, bearing flushing and with suitable material selection have long proven to be the key solution for both ON-OFF and by-pass functions within the catalytic section of SRUs and for the handling of tail gas.



**Vanessa Series 30,000
Gaseous oxygen (GOX).**

This Vanessa Series 30,000 Triple Offset Valve configuration features a full metal construction, frictionless trim rotation, and torque seating. This, combined with innovative material selection and a dedicated manufacturing process, ensures outstanding isolation and control functions at high pressures in gaseous oxygen (GOX) applications.