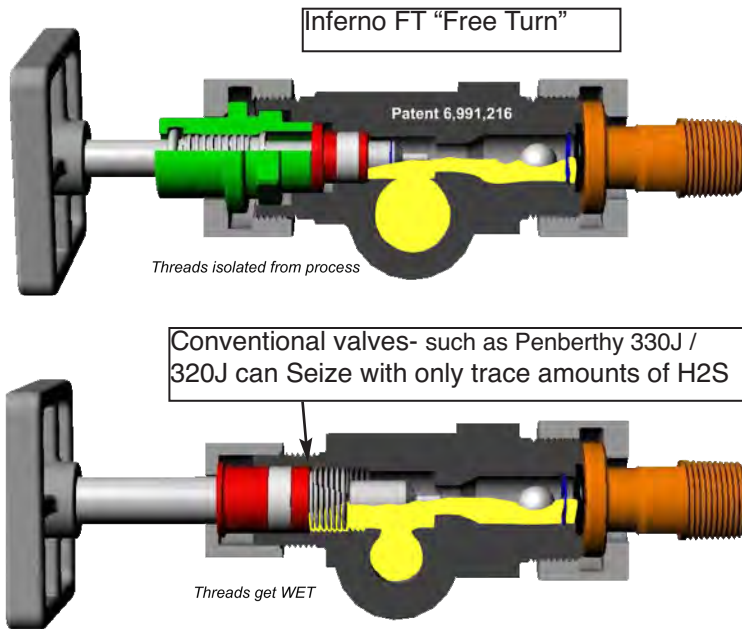


ADVANTAGES



Inferno FT15/FT25 “Free Turn” vs Penberthy 330J/320J

H₂S Attack!



Threads isolated from process

Conventional valves- such as Penberthy 330J / 320J can Seize with only trace amounts of H₂S

Threads get WET

Unique “Free Turn” Design

Packing-Below-the-Threads....Prevents process fluid from wetting the valve workings. Corrosive **salt water** and **H₂S** are stopped at the packing- can't reach the internal threads.

Conventional Valve DISADVANTAGES

Threads get wet on Penberthy 300 / 400 series valves. Corrosion product jams the internal threads of the body, leaving no room for valve stem to turn. Result: Seizure!



Unencumbered valve stem rotation is critical to performance. When stem is too hard to turn the Drain and Blow Down operation is affected. Ball checks close

Ball Check Action

during blow down and cannot be dislodged manually by the “pusher” on the end of the valve stem. Level does not reestablish normally in the sight glass, the Operators encounter confusing fluid behavior.

Using a wrench on the handwheel during operations, to break through the corrosion build-up, is UNSAFE. A stem can be twisted off- or a pipe nipple broken resulting in injury and product loss.

Unless the LG is double blocked the glass cannot be accessed for cleaning with swab or brush



Undercut in Shank and Nut- allows more “Float” off center than other brands

O-Rings in all Inferno unions

↑

up to 1/8” Float off center per union allows matching vessel C-C with ± 1/4” range

↓

Faster Installs...

Less Leakage Problems

Unique O-Ring face seal in all Inferno valve unions, leak-free without metal-to-metal crush seal

Second union to Gage on model FT25 permits rotation of glass face during installation— maximum flexibility on “combos” made up at factory on your centers— we call this “Double Union”

DETAIL
Dovetail groove holds O-ring in place during installation