

## **Bi-Directional Knife Gate Specification**

### ***Knife Gate Valve to be Cast Bi-Directional with the Following Features:***

- Gate to have full radius on both sides
- Flanges match ANSI B16.5 – 150lbs
- Machined surface to accept 4 pillar (stanchions)
- Valve to be resilient seated (viton) bi- directional up to 1034 KPA (2”–12”)
- Packing gland is to be round to match gate and prevent leakage through the packing
- “O” Ring back up in gland packing chamber
- Material of body CF8M
- Gate material 316SS
- Valve to have stoppers to allow for tight seal against seat
- Valve to be of the rising / non rising stem style
- Thread to be ACME style, matched to yoke sleeve with tight tolerances to give positive response with no hysteresis

The Valve should be Trueline Series F8000 as supplied by Syntec Process Equipment Ltd., or Approved Equal.