

Uni-Directional Knife Gate Specification

Knife Gate Valve to be Cast Uni-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) uni- 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 jams to allow for tight seal against seat
- Valve to be of the 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 F8112RSV-NRS as supplied by Syntec Process Equipment Ltd., or Approved Equal.