

# SPEC SHEET

## LINES

DESCRIPTION
<p>12" Figure LVC 93-A44-MH Knife Gate Valve</p> <ul style="list-style-type: none"> <li>-Cast 304 stainless steel body</li> <li>-MSS face-to-face</li> <li>-150 psi CWP design</li> <li>-Flanges drilled and tapped to ANSI B16.5/150</li> <li>-304 SS gate</li> <li>-304 SS metal to metal seat for uni-directional shut-off per MSS-SP81</li> <li>-TLSP packing rated to 500 deg F, 3-11 PH</li> <li>-Cast 304 SS packing gland with 304 SS bolts</li> <li>-Cast 304 SS yoke</li> <li>-304 SS stem</li> <li>-Handwheel actuator</li> <li>-At 150 PSI, RimPull force is 83 lbs</li> </ul> <p>Seat Test (Leakage):</p> <p>The seat leakage test shall be performed with the gate closed and normal test pressure pushing the gate against the seat. The maximum allowable leakage shall be 40cc per inch of valve diameter per minute, testing with water at 40-PSI.</p> <p>Notes:</p> <ul style="list-style-type: none"> <li>1- The quoted valve is metal seated, uni-directional shut off.</li> <li>2- We can machine O-ring in seat area to provide zero leakage, just need to confirm the seat material before production. This will be and added expense</li> <li>3- One week lead time</li> <li>4- This valve is not AIS Compliant, I can re-quote if needed</li> </ul> <p>The Products offered in the following proposal are in compliance with the EPA American Iron and Steel (AIS) Requirements of the Consolidated Appropriations Act of 2014 and further Continuing Appropriations Act 2015.</p>