

NPV Unidirectional Valve

Features and Benefits :

1. NPV Unidirectional casting provides for full guiding of gate throughout the cycle which prevents any gate distortion even in the event of a back pressure
2. Guiding of gate in body casting also extends cycle life of packing material
3. Leakage rate with metal to metal seats on water is Class 4 in preferred direction
4. Leakage rate with elastomer seats on water is bubble tight shutoff in preferred direction
5. NPV Unidirectional valves can be supplied with Stainless Steel mechanical lockout bar or cylinder lockout bar
6. NPV valves are manufactured to be easily adapted for cylinder operation without need for additional mounting accessories. Allows for convenient field mounting, when necessary
7. Valve is manufactured of Stainless Steel components to prevent damaging corrosion, both internal and external
8. Unidirectional valves available from 2"-48" diameter, both metal and elastomer seated.

NOTE: All Unidirectional valves must have pressure behind the gate upon closing for proper sealing



Large diameter valves, 24"-48"



Manual lockout

REPLACEABLE SEAT CARTRIDGES:



Typical applications include:

1. Low density stock
2. Moderate slurries
3. Water applications with elastomer seal