**Valve Options**

**INSERT RINGS**
- **HARDENED:** Reparable rings used in severe applications
- **L-SHAPE SEAL:** Viton L-seal where tight shutoff is required
- **POLYURETHANE:** Replaceable rings used in abrasive applications

**LOCK OUTS:**
- Handwheel, gear operator, pneumatic air cylinder and hydraulic cylinder

**FLUSH PORTS:**
- Allows for flushing of cavity to prevent product build up

**NON-RISING STEM:**
- Eliminates safety hazards and saves space
- Minimizes vibration concerns on valve stem

**V-PORT: 30° OR 60°**
- Stainless steel insert for throttling application

**BONNET:**
- Bubble tight enclosures

**SEAT TYPES:**
- Viton, Buna, EPDM, Aflas, Teflon, L-shape cord and polyurethane

**ACTUATORS:**
- Pneumatic air cylinder, gear operator, electric actuator, operating nut, quick open lever, hydraulic cylinder, chain wheel operator, ratchet handle and manual override on pneumatic air cylinders

**AUTOMATION OPTIONS:**
- Solenoid valve, positioner, tubing & fittings, limit switches, proximity switches and brackets for self installation

**MATERIALS:**
- 304 SS, 254 SMO, Titanium
- Inquire for all other materials

**PACKING OPTIONS:**
- Polyurethane packing
- High temperature graphite and other special purpose packing available upon request
- Virgin Teflon

**INDUSTRY'S CHOICE FOR SERVICE & QUALITY**

North Port Valves