



Enhance valve performance with Dura-Kleen™ Stems



patented
DURA-Kleen™
Stem



standard stem

**In harsh waterworks environments,
Dura-Kleen™ stems are your best option for:**

- Long service life
- Low maintenance
- Strong resistance against mineral build-up

Installing Dura-Kleen™ Stems in your Cla-Val Automatic Control Valves can make a real difference in performance and reliability in many common applications, including the following:

- Harsh water applications, especially those with high lime or calcium content
- Applications with high pressure differentials
- Surge Anticipator Valves that are only operated when surge conditions arise
- Pressure Reducing Valves where the majority of flow is through a parallel smaller valve and the adjacent larger valve may only come into service in response to fire flow demand
- Two-way altitude valves that ride on system demand and operate within a common range, only fully opening for fire flow demand
- Applications where valves are in continuous service and may be subject to excessive wear
- Valves installed in interconnects between two communities with a single water source where equipment failure could completely cut-off supply
- Irrigation systems where water has not been through the final stages of treatment and contains more sediment than processed drinking water, creating a greater potential for build-up on valve stems
- Irrigation systems that are not used in winter months, allowing the water in the piping becomes stagnant, again creating the potential for mineral build-up on valve stems
- Installations where valves are dormant for extended periods of time or seldom operated

Dura-Kleen™ Valve Stem Product Features

- The patented rifled surface of the Dura-Kleen™ stem channels away deposits from the stem, ensuring low friction operation even in conditions that can cause standard stems to seize
- Available in the following materials:
 - 316 Stainless Steel
 - 303 Stainless Steel
 - Monel
- Other available stems employ coatings and include elastomeric o-rings that can sustain damage when exposed to chemicals commonly used or found in waterworks systems, such as chloramines
- The Dura-Kleen Stem is a solid, one-piece component with no chemically applied coatings to wear away and no o-rings
- Stems can be retrofitted into any size Cla-Val Automatic Control Valve from 1-1/4 to 24-inches without removal of the valve from the pipeline

The precision machined, rifled surfaces of the Dura-Kleen™ stem prevent mineral deposits from building up on exposed segments of the stem

