

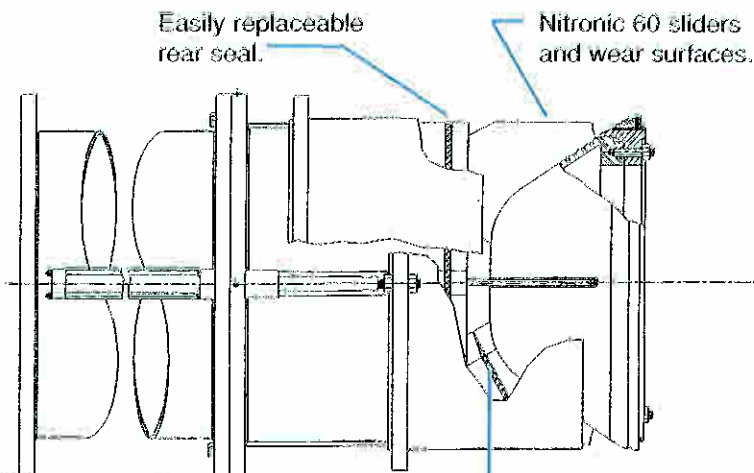
CONSTRUCTION FEATURES

Model 117 Fixed Cone Valve

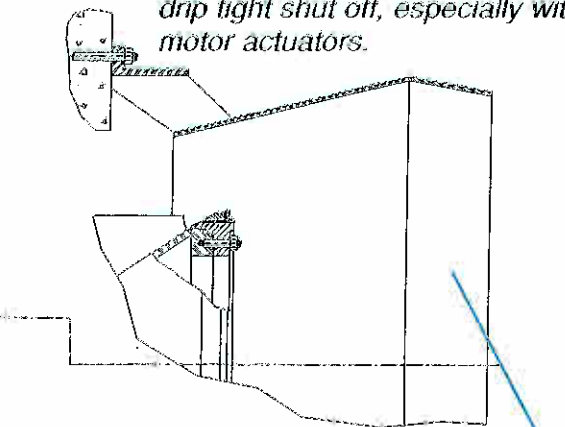


With stop blocks removed, the sleeve opens to allow easy access to the rear seals.

Metal to metal seats. The body seat "floats" on a rubber ring to isolate it from stresses that can cause distortion and provides drip tight shut off, especially with motor actuators.



Aerodynamic vanes induce a torsional loading on the cone and vanes to eliminate vibration.



Specially designed fixed hood injects air into the jet and concentrates flow.

Other features include:



On smaller Hartman Fixed Cone Valves (up through 30 inches diameter) a rotary drive system for the sleeve can be used to eliminate backlash associated with bevel gearing.

- Designs available in a 6-inch size and larger.
- Smaller sizes (up through 30 inch) are ideally suited for a rotary drive system for the sleeve, thus eliminating bevel gearing and backlash associated with remote motor operators.
- Drive train designed to withstand stall torque of motor operator, and to maintain seat loading after motor operator is deactivated.
- Complete hydraulic actuator, accumulator and control systems can be supplied with the Hartman Model 117.
- All welded steel construction.
- Epoxy coated interiors.
- Stainless steel lined valves are available for applications of continuous use at velocities above 20 fps.

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