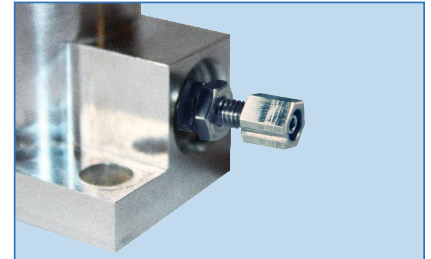
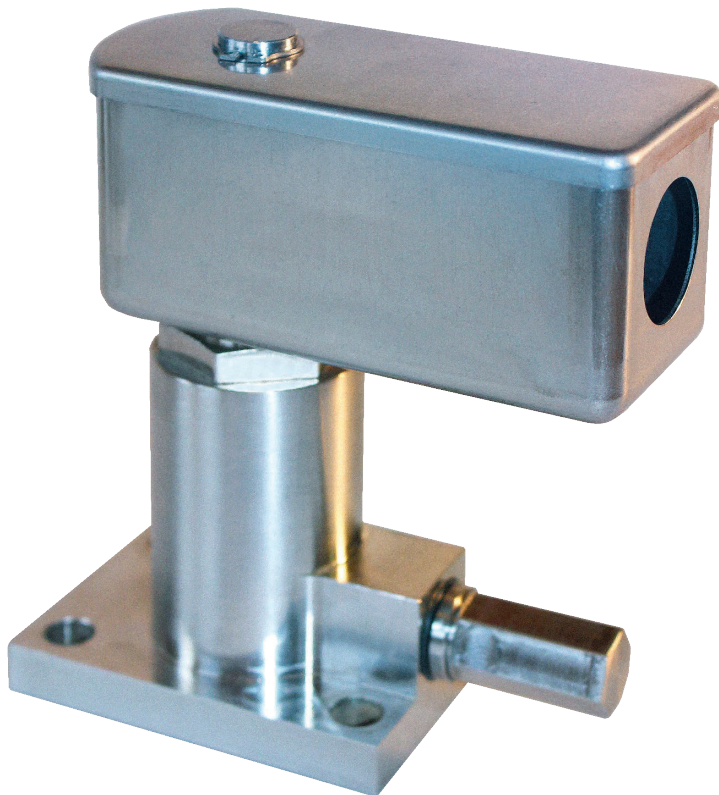


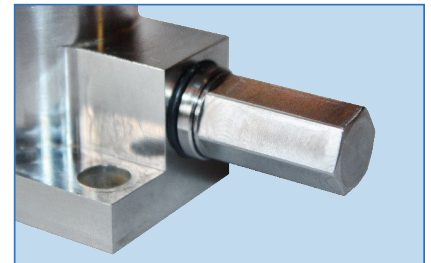
### General Description:

The GE Hitachi Directional Control Valve (DCV) is designed for use in BWR Hydraulic Control Units (HCU). The DCVs supply the associated control rod drive mechanism with driving water at the proper flow and pressure to permit full or partial rod insertion or withdrawal.

The DCVs are normally closed (de-energized) and open to insert or withdraw the associated control rod. This valve is designed as a direct replacement of the current generation of DCVs.



*Flow control device*



*Flow control device with cover in place*

### Features and Benefits:

- Enhanced flow control valve that provides for easier adjustment and identification of valve position
- Specifically designed to support a seamless transition/work in parallel with models currently installed
- Designed to mount in the same manner and location as existing DCVs and tested for different mounting orientations
- Tested at an integrated facility using a Control Rod Drive Mechanism (CRDM)
- Designed to minimize potential of “sticking” or “double notching”
- Stainless steel coil enclosure eliminates a concern related to the introduction of painted surfaces into the primary containment of BWR/6 plants

For additional information on the DCV, or any other parts need, please contact GEH PARTS at: 1-800-425-8108

[nuclearparts@ge.com](mailto:nuclearparts@ge.com)

or visit us at [nuclear.gepower.com](http://nuclear.gepower.com)



**HITACHI**

