

### ► Simple, Reliable and Accurate

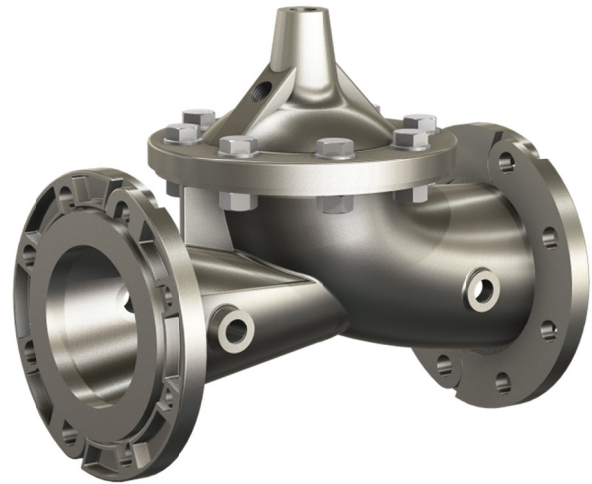
#### ► CLA-VAL SERIES 100 Main Function

The CLA-VAL 100-01 HYTROL GE-316 / NGE-316 has the same hydraulic characteristics and performance as the CLA-VAL 100-01 HYTROL GE / NGE.

The HYTROL GE-316 / NGE-316 is used in nearly all CLA-VAL Automatic Control Valves.

The HYTROL GE-316 / NGE-316 is designed with removable slip-on flanges according to various standard requirements (ISO, ANSI).

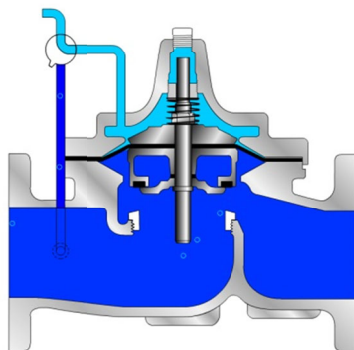
The high quality material is to be used for corrosion type of fluids as well as multiple pressure ratings (PN 10-50 / ANSI 150-300).



The HYTROL GE-316 / NGE-316 is the Universal CLA-VAL 100-01 Main Valve

#### ► CLA-VAL 100-01 Principle of Operation

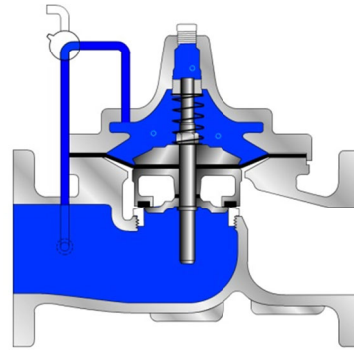
On/Off Control



Full Open Operation:

When pressure in the cover chamber is relieved to a lower pressure or to atmosphere, the pressure inlet opens the valve.

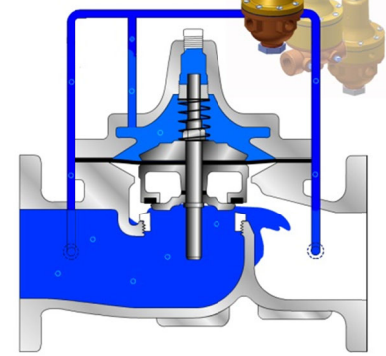
On/Off Control



Tight Closing Operation:

When pressure from the inlet pressure is applied to the cover chamber, the valve closes drip-tight.

CLA-VAL Controls



Modulating Control:

The valve is pressure operating balanced. The CLA-VAL "Modulating" Controls will allow the valve to automatically compensate for pressure changes.

#### ► Usual Main Valves

HYTROL Main Valve / HYTROL GE-316/NGE-316	100-01
TYTAN Main Valve	100-01
HYTROL Auxiliary Valve	000130TT
ROLL SEAL Main Valve	100-42
DELUGE Main Valve	100G

#### ► More Information

<input checked="" type="checkbox"/>	Technical Data Sheet GE/NGE-316	Document #	HYT361TT
<input checked="" type="checkbox"/>	Dimensions NGE-316		000124-2DE
<input checked="" type="checkbox"/>	Dimensions GE-316		000124-1DE

Other Functions: Please Contact CLA-VAL.