

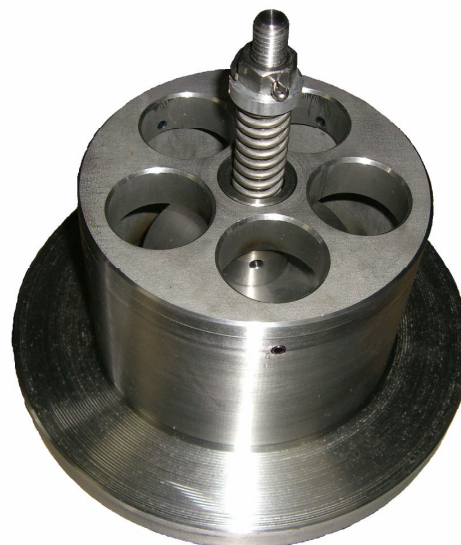
## Excess flow valve ZNW

### APPLICATION

Excess Flow Valves are spring loaded check valves. When properly sized and installed, they are designed to close and shut off the flow of fluid from the source in case of breakage or rupture of components downstream of the valve. The valves operate by closing when the flow of fluid through the valve generates enough force to overcome the tension of the spring holding it open.

To operate properly, Excess Flow Valves must be correctly sized and installed. The size and closing flow rate must be selected for the specific application. The valve must be installed in the correct direction. There should not be any restrictions downstream the valve that might limit the flow below the closing flow of the excess flow valve.

The Excess Flow Valve does not provide complete shut off. There is a small orifice at the check mechanism to allow a slight bleed. The valve will remain closed until repairs are made, then the orifice permits pressure equalization, and the valve will reopen automatically.



### Standard material: **Stainless Steel**

- Designed to slip inside a pipe.
- Fits inside the bolts of PN25/PN40 Standard steel pipe flanges.
- Generous flow channels provide low pressure drops.
- Complete 304 or 316 stainless steel construction available for use in corrosive environments or extreme temperature conditions.

