

## Flow Control valve



### Description

- Sizes from DN 50 – DN 1200
- The valve is ideal for limiting the flow to a pre-determined maximum (via maintaining a continuous pressure differential across an orifice). When the pressure differential is less than the set-point, the valve opens, allowing flow to meet predetermined demand. At the desired maximum set-point, the pilot reacts to small changes in sensing pressure and controls the main valve position by modulating the pressure above the diaphragm.
- When the pressure drop across the orifice exceeds the set-point, the valve closes slightly, limiting the flow to the pre-set maximum. The orifice is usually sized to generate a pressure differential of 3 to 5 psi / 0.2 to 0.35 bar at the desired flow. Adjusting the pilot setting permits the maximum flow to be changed in the field above or below the original point.
- Accurately limits flow to a pre-set maximum
- Easily adjustable flow limit
- Paddle-style orifice plate included
- Optional orifice plate housing