



Upstream pressure sustaining-relief valve Mod. XLC 420

The CSA XLC 420 control valve will sustain, if installed in-line, and relief if installed in derivation from the main line, the upstream pressure to a pre-set value regardless of variations in demand.

Most popular configurations

XLC 420-FR	upstream pressure relief/sustaining valve with back-flow prevention
XLC 421	upstream pressure relief surge anticipating control valve
XLC 424	combination of upstream pressure sustaining and min.-max. level control valve
XLC 425	upstream pressure sustaining-relief valve with solenoid control

Installation lay-out

The picture depicted below shows the recommended installation layout of the CSA XLC 420, used as a pressure relief in derivation from the main line to protect a pumping station. The sectioning device is very important for maintenance operations, whenever possible a filter too is needed to prevent dirt from reaching the control valve. The set point should always remain within 0,5-1 bar above the maximum steady state pressure value of the pumps.

