

# Frese PV-SIGMA Compact

## Text for technical specifications

The valve set shall be a combination of a dynamic differential pressure control valve and an externally adjustable dynamic balancing valve.

The differential pressure and flow shall be adjustable on site without suspension of operation.

The valve set shall limit the flow and differential pressure in a circuit.

The valve set shall include P/T plugs for the verification of differential pressure in circuit and across the valve.

The valve set shall include a drain on the differential pressure control valve.

The differential pressure control valve scale shall only be adjustable by means of a key.

The dynamic balancing valve shall be adjusted by means of a lockable handle.

The dynamic balancing valve shall be capable of isolation in the flow direction.

The valves shall be permanently marked with an indicator for flow direction.

The dynamic pressure and flow regulation set shall have a pressure rating of PN25. Pressure rating PN16, when ball valve is used on the return.

The maximum differential pressure shall be 400 kPa.

The valve housing shall be DZR brass CW602N (DN15 to DN32) and Ductile Iron (DN40 to DN50).

The Differential Pressure Control Valve shall have a rubber seat to provide positive close off.