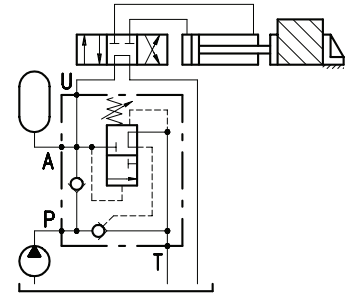


Automatic cut-off valves

Operation

Allows for pump discharge when the setting pressure is reached in U. Later the valve keeps constant pressure in U by means of the accumulator in A.



Performance

Body Valves

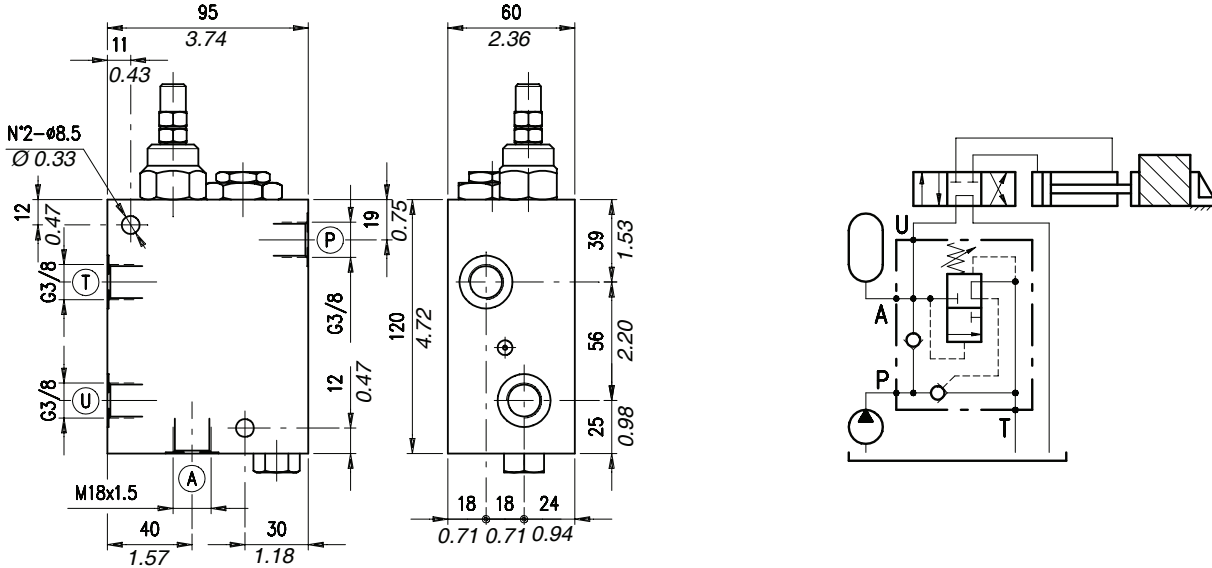
| Type VDA | Max. flow | | Max. pressure | | Application range with standard springs * | Connection pressure | Weight aluminium body | |
|----------|-----------|--------|--------------------|---------------------|--|--|-----------------------|------|
| | l/min | US gpm | bar | psi | | | kg | lb |
| VDA 38 | 25 | 6.6 | 250 aluminium body | 3600 aluminium body | 5÷110 bar -72.5÷1600 psi (test setting 90 bar -1300 psi 5 l/min. -1.32 US gpm) | 15% of the valve setting pressure for standard valves, ask our technical office for special valves | 2,15 | 4.74 |
| VDA 12 | 50 | 13.2 | | | | | 2,35 | 5.18 |
| VDA 34 | 100 | 26 | | | | | 3,20 | 7.05 |

*To perform setting of the valve see the pressure drop/flow diagram.

Type VDA 38

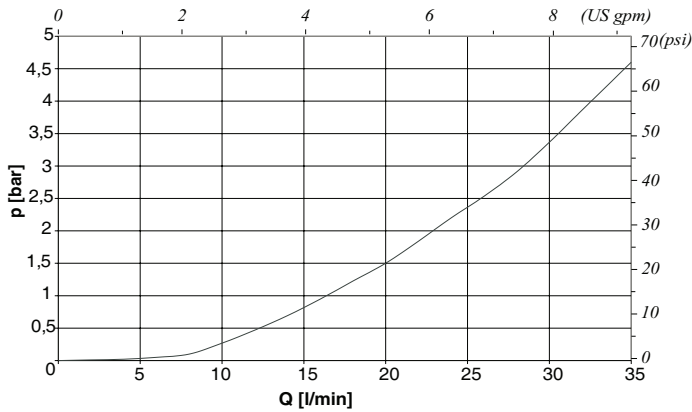
Automatic cut-off valve.

Dimensional drawing and hydraulic circuit

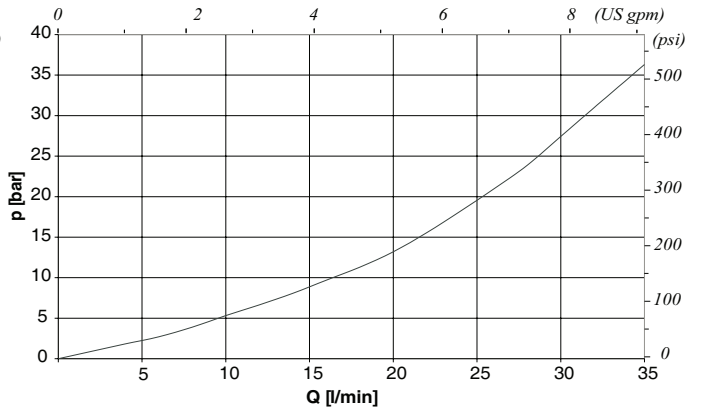


Rating diagrams

Typical Pressure drop vs. Flow characteristic P → T



Typical Pressure drop vs. Flow characteristic P → U



Order code

VDA 38 / □□ . S / □□

Pressure settings

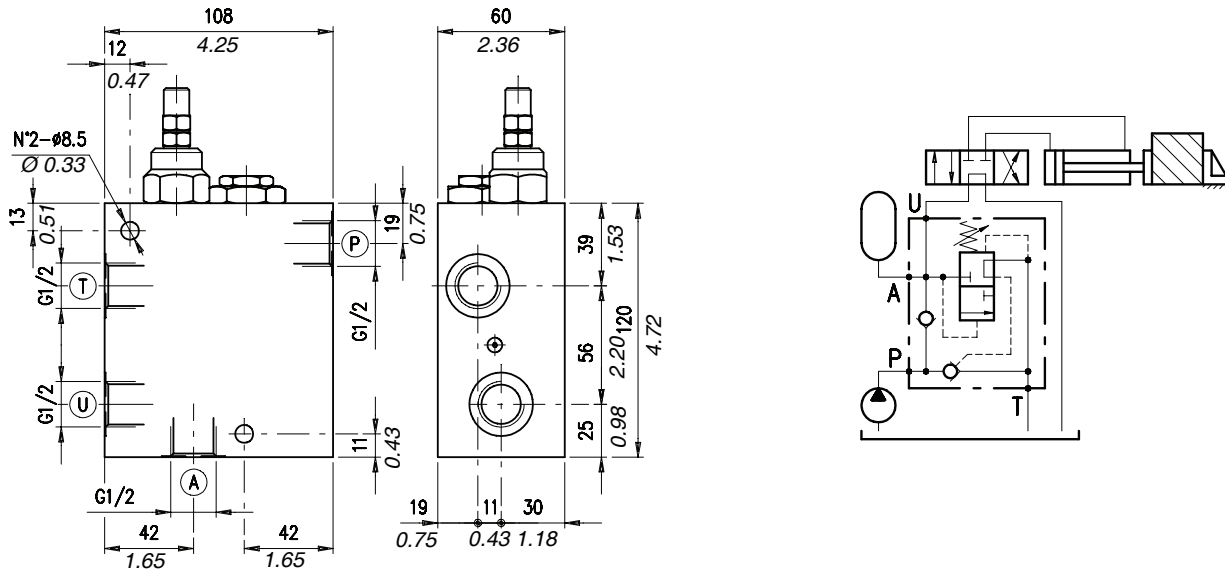
Body material

TV) 5÷110 bar (72.5÷1600 psi)
TR) 100÷250 bar (1450÷3600 psi)

_ Aluminium
ac Steel

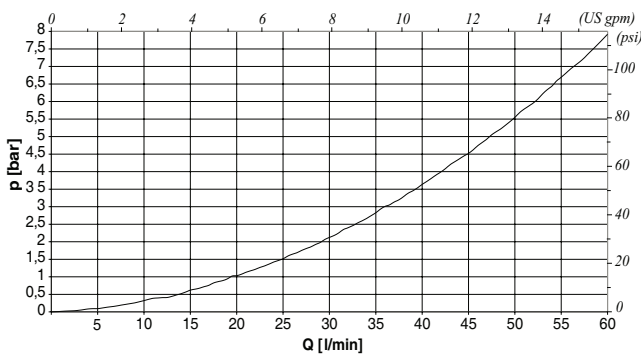
Automatic cut-off valve.

Dimensional drawing and hydraulic circuit

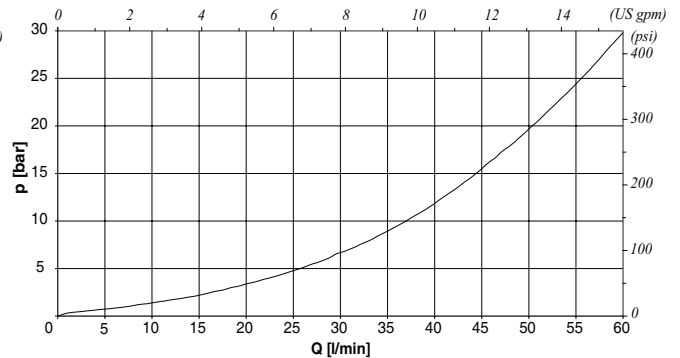


Rating diagrams

Typical Pressure drop vs. Flow characteristic P → T



Typical Pressure drop vs. Flow characteristic P → U



Order code

VDA 12 / □□ . S / □□

Pressure settings

TV 5÷110 bar (72.5÷1600 psi)
TR 100÷250 bar (1450÷3600 psi)

Body material

_ Aluminium
ac Steel

