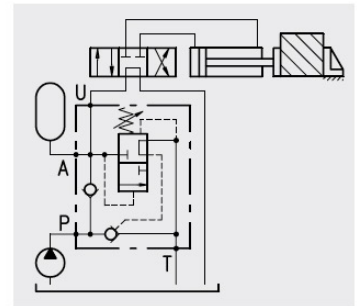


Operation

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.



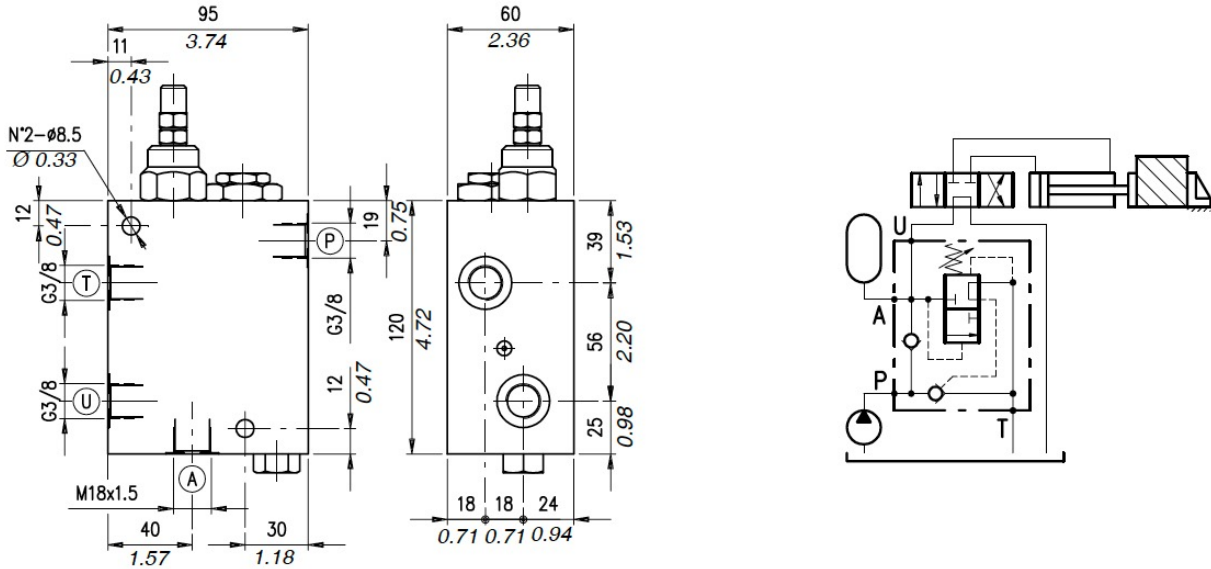
Performance

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			100÷250 bar -1450÷3600 psi- (test setting 200 bar - 2900 psi- 5 l/min. -1.32 US gpm)		2,35	5.18
VDA 34	100	26			3,20		7.05	

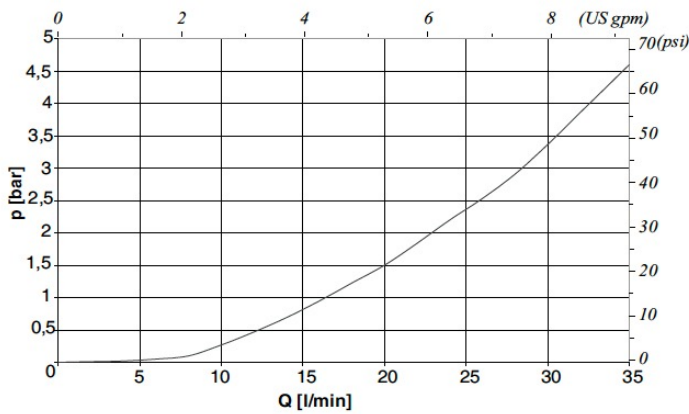
*To perform setting of the valve see the pressure drop/flow diagram.

Dimensions and hydraulic circuit

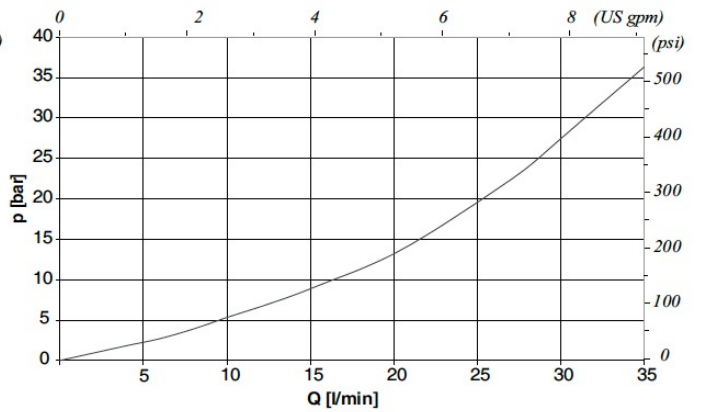


Rating diagrams

Typical Pressure drop vs. Flow characteristic P → T



Typical Pressure drop vs. Flow characteristic P → U



Order code

VDA 38 / □□ . S / □□

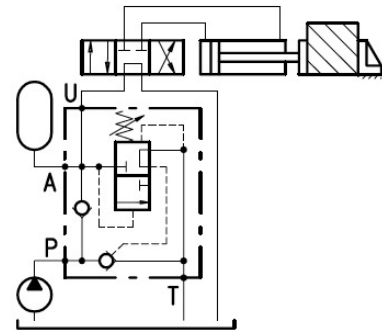
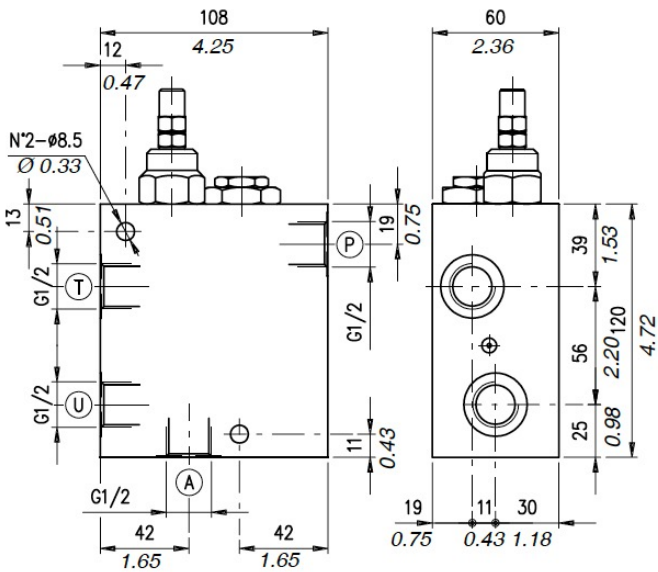
Pressure settings

Body material

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

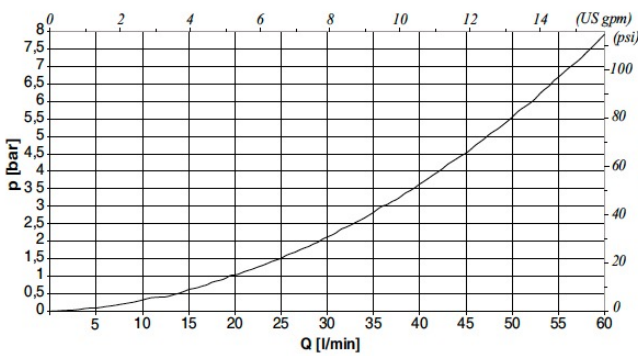
_ Aluminium
ac Steel

Dimensions and hydraulic circuit

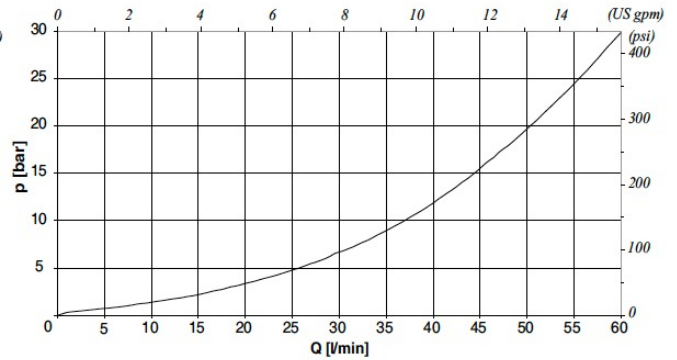


Rating diagrams

Typical Pressure drop vs. Flow characteristic P → T



Typical Pressure drop vs. Flow characteristic P → U



Order code

VDA 12 / □□ . S / □□

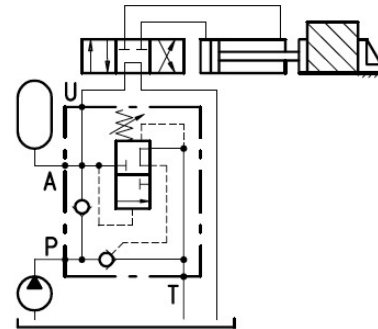
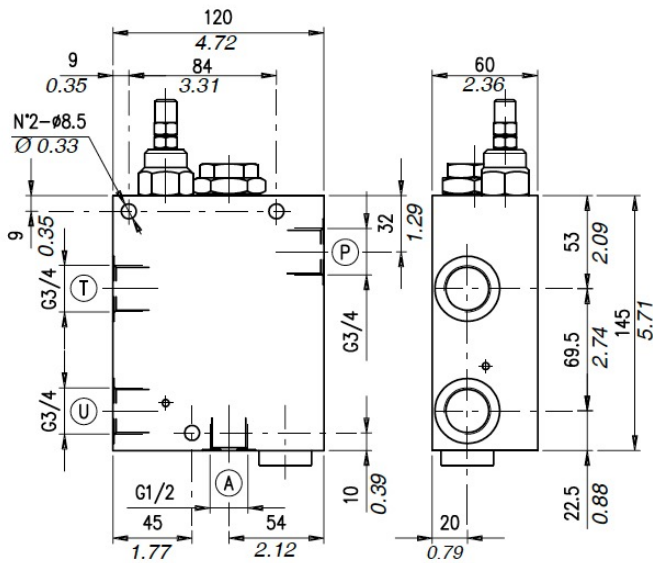
Pressure settings

Body material

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

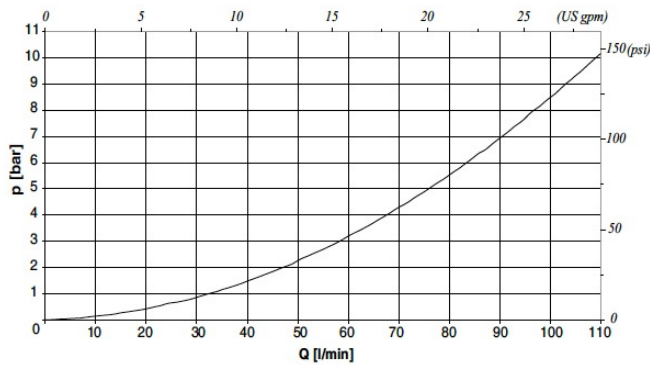
_ Aluminium
 ac Steel

Dimensions and hydraulic circuit

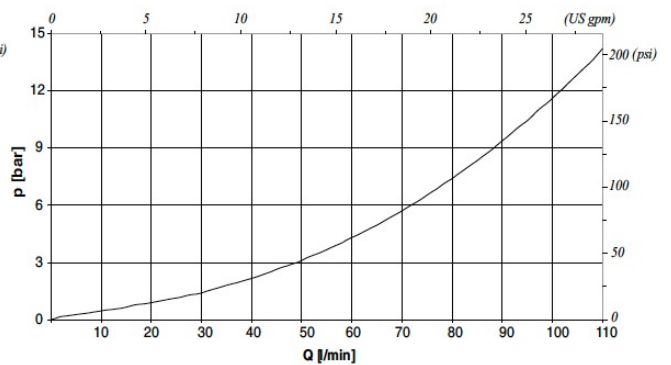


Rating diagrams

Typical Pressure drop vs. Flow characteristic P → T



Typical Pressure drop vs. Flow characteristic P → U



Order code

VDA 34 / □□ . S / □□

Pressure settings

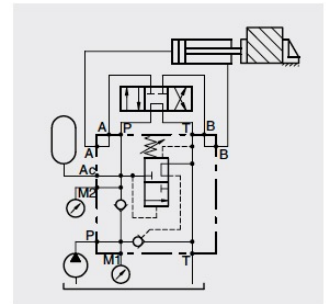
Body material

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

_ Aluminium
ac Steel

Operation

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



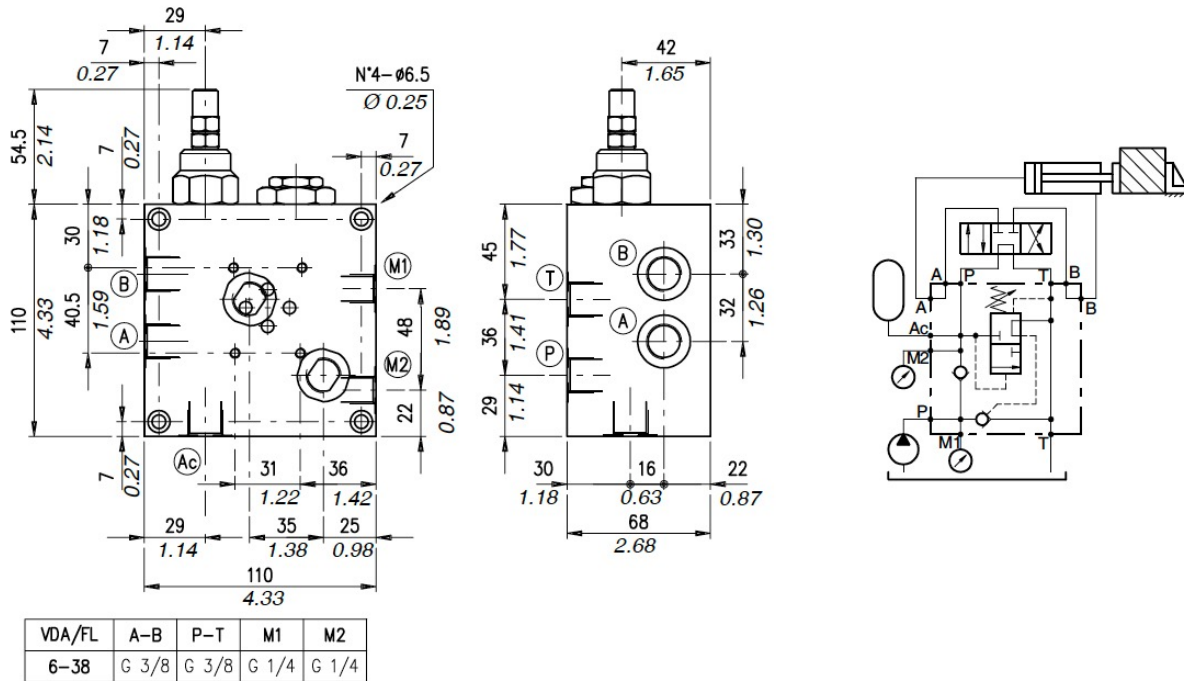
Performance

Body Valves

Type VDA/FL	Maximum flow		Maximum pressure		Application range with standard springs*	Connection pressure	Aluminium body weight	
	l/min	US gpm	bar	psi			kg	lb
VDA /FL 6-38	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	2,43	5.36
VDA /FL 10-12	50	13.2			100÷250 bar - 1450÷3600 psi (test setting 200 bar -2900 psi 5 l/min. -1.32 US gpm)		2,86	6.30

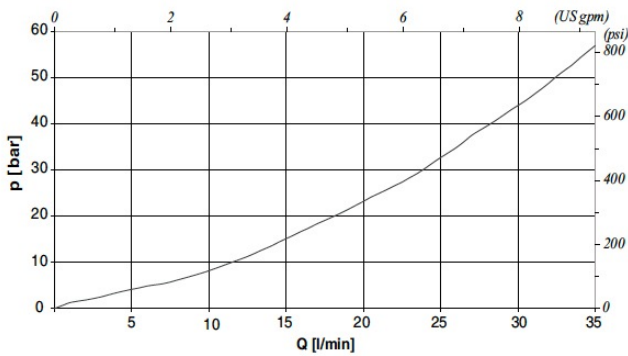
*To perform setting of the valve see the pressure drop/flow diagram.

Dimensions and hydraulic circuit

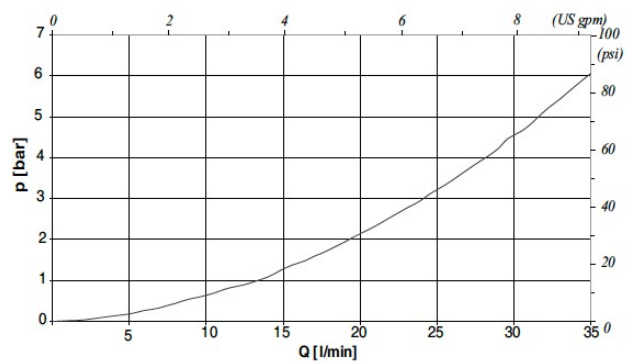


Rating diagrams

Typical Pressure drop vs. Flow characteristic P → p cetop



Typical Pressure drop vs. Flow characteristic P → T



Order code

VDA / FL 6-38 / □□ . S / □□

Pressure settings

Body material

TV) 5÷110 bar (72.5÷1600 psi)

TR) 100÷250 bar (1450÷3600 psi)

_ Aluminium

ac Steel