

Compact and Powerful

Valves balanced by a diaphragm for applications in heating and cooling water networks



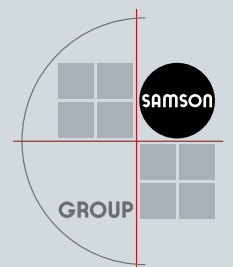
Flow regulator



Pressure reducing valve



Electric control valve



Technical data

Function ¹⁾	Pressure reducing valve	Excess pressure valve	Differential pressure regulator	Flow regulator	Control valve
Type	2333 ²⁾	2335 ²⁾	42-24, 42-25 or 2334 ²⁾	42-36 or 2334 ²⁾	3214
Pressure rating	PN 16, 25 or 40				
Perm. temperature	-10 to 150 °C				
Suitable for	Circuit water and water-glycol mixtures with up to 30 % glycol				

¹⁾ Temperature regulators and combined regulators with several functions, e.g. for flow rate and differential pressure regulation, are also available

²⁾ DN 125 and higher

Valve size	DN 65	DN 80	DN 100	DN 125	DN 150	DN 200	DN 250	DN 300	DN 400
Perm. differential pressure	10 bar			12 bar		10 bar			6 bar
K _{VS} for self-operated regulators	50	80	125	250	380	650	800	1250	2000
K _{VS} for control valves	50	80	125	230	340	620	750	1200	2000
Max. flow rate (water in m ³ /h) with 0.2 bar differential pressure at the restriction	28	35	63	120	180	320	350	750	1350
Materials									
Body	Cast iron EN-JL1040, spheroidal graphite iron EN-JS1049 ³⁾			Cast iron EN-JL1040, spheroidal graphite iron EN-JS1049 ³⁾ , cast steel 1.0619					
Seat, plug	Stainless steel 1.4408/hot-pressed brass CW617N ⁵⁾			Red brass CC491K ⁴⁾				Stainless steel 1.4301	
Soft seal	EPDM								
Rolling diaphragm	Fabric-reinforced EPDM								

³⁾ Only in DN 200 and 400

⁴⁾ Special version in stainless steel 1.4409

⁵⁾ Flow regulator, stainless steel 1.4006/1.4104

