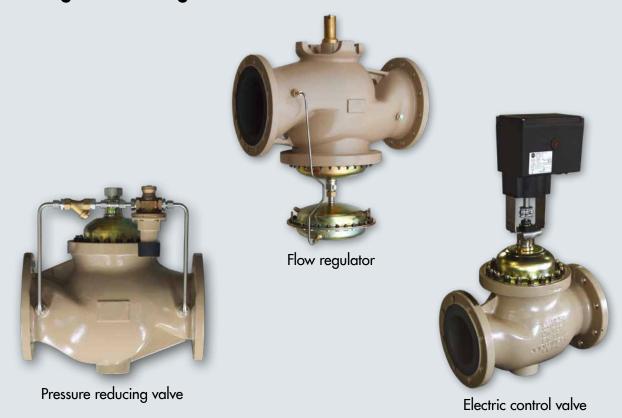
Compact and Powerful





Low-maintenance valves balanced by a diaphragm for applications in heating and cooling water networks



Compact and Powerful



Function 1)	Pressure reducing valve	Excess pressure valve	Differential pressure regulator	Flow regulator	Control valve					
Туре	2333 ²⁾	2335 ²⁾	42-24, 42-25 or 2334	42-36 or 2334	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 65 and larger

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 m³/h) for 0.2 bar differential pressure at the restriction	28	35	63	120	180	320	350	750	1350	
Materials										
Body	Cast iron EN-GJL-250, spheroidal graphite iron EN-GJS-400-18-LT ³⁾			Cast iron EN-GJL-250, spheroidal graphite iron EN-GJS-400-18-LT ³⁾ , cast steel 1.0619						
Seat, plug	Stainless steel 1.4408/ hot-pressed brass CW617N ⁴⁾			Red brass CC499K ⁵⁾				Stainless steel 1.4301		
Soft seal	EPDM									
Rolling diaphragm	Fabric-reinforced EPDM									

³⁾ Not for DN 200 to 400

SAMSON AKTIENGESELLSCHAFT

Weismuellerstrasse 3 · 60314 Frankfurt am Main, Germany

Phone: +49 69 4009-0 · Fax: +49 69 4009-1507

E-mail: samson@samsongroup.com Internet: www.samsongroup.com

⁴⁾ Flow regulator in stainless steel 1.4006/1.4104

⁵⁾ Special version in stainless steel 1.4409