

TECHNICAL SHEET

SIATA COMMERCIAL VALVE V230





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TECHNICAL CHARACTERISTICS

- Flow rate: up to 8.5 m³/h
- Quick connect clips allowing easy installation and maintenance
- Hydraulically actuated
- Internal turbine option for meter control
- Driver replica of the pressure point for any special applications, such as driving an external brine valve or closing the valve outlet
- Suitable for simplex, duplex or multiplex softening systems, as well as for filtration, demineralisation, dealkalisation or iron & manganese removal applications
- Compatible with the entire Siata controller range



VALVE SPECIFICATION		
Material	Glassfiber reinforced ABS	
Color	Blue or black	
Hydrostatic pressure	22 bar	
Working pressure	1.5-6 bar	
Working temperature	5-40°C	

FLOW RATE (3.5 BAR INLET - VALVE ALONE)		
Continuous (∆p = 1 bar)	8.5 m ³ /h	
Peak (∆ p = 1.9 bar)	11 m³/h	
Cv*	9.6 gpm	
Maximum backwash ($\Delta p = 1.9 \text{ bar}$)	$4 \text{ m}^3/\text{h}$	
Maximum rapid rinse ($\Delta p = 1.9$ bar)	$4.5 \text{m}^3/\text{h}$	
		* Cv: Flow rate of valve alone in apm at 0.07 bar pressure drop.

DOWN FLOW REGENERATION

Adjustable cycles Depending on controller fitted



VALVE CONNECTIONS		
Inlet/Outlet	male 2 inches BSP threaded	
Distributor pipe	DN 40	
Drain line	20 mm-QC**	
Brine line	3/8 inch BSP	
Mounting base	4" – 8UN	
Height (from top of tank)	129 mm ± 2	

** QC: Quick connect

TANK SIZE APPLICATION (RECOMMENDED)

Water softener 8-21 inches (max 300 L of resin)

Filter 8-21 inches (according to filter media specs)

Demineralisation 8-21 inches (max 300 L of resin)

METER

Internal

Accuracy range (\pm 5%) 12 – 200 Lpm

External

Accuracy range $\frac{3}{4}$ inch (\pm 5%) 10 – 120 Lpm Accuracy range $\frac{1}{2}$ inch (\pm 5%) 12 – 200 Lpm

REGENERATION CYCLES

1) Backwash (Upflow)
Softener & Demineralisation 2) Brine & slow rinse (Down flow)
3) Rapid rinse (Down flow)

Filter***

1) Backwash (Upflow)
2) Rapid rinse (Down flow)

*** Depending on the controller type brine draw and slow rinse time must be set on 0.

OPTIONS

Remote Bypass w/ or w/o sample tap yes
Driver replica yes

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