

TECHNICAL SHEET

SIATA
COMMERCIAL VALVE V230





SIATA COMMERCIAL VALVE V230

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 ($\Delta p = 1$ bar)	8.5 m ³ /h
Peak ($\Delta p = 1.9$ bar)	11 m ³ /h
Cv*	9.6 gpm
Maximum backwash ($\Delta p = 1.9$ bar)	4 m ³ /h
Maximum rapid rinse ($\Delta p = 1.9$ bar)	4.5 m ³ /h

* Cv: Flow rate of valve alone in gpm at 0.07 bar pressure drop.

DOWN FLOW REGENERATION

Adjustable cycles	Depending on controller fitted
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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 (± 5%)	12 - 200 Lpm
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External

Accuracy range 3/4 inch (± 5%)	10 - 120 Lpm
Accuracy range 1 1/2 inch (± 5%)	12 - 200 Lpm

REGENERATION CYCLES

Softener & Demineralisation	<ol style="list-style-type: none"> 1) Backwash (Upflow) 2) Brine & slow rinse (Down flow) 3) Rapid rinse (Down flow)
Filter***	<ol style="list-style-type: none"> 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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