

# TECHNICAL SHEET

## **SIATA** COMMERCIAL VALVE V230





## SIATA COMMERCIAL VALVE - V230

### TECHNICAL CHARACTERISTICS



- Flow rate: up to 8.5 m<sup>3</sup>/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

### TECHNICAL SPECIFICATIONS

#### VALVE SPECIFICATIONS

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 <sup>3</sup> /h
Peak ( $\Delta p = 1.9$ bar)	11 m <sup>3</sup> /h
Cv*	9.6 gpm
Maximum backwash ( $\Delta p = 1.9$ bar)	4 m <sup>3</sup> /h
Maximum rapid rinse ( $\Delta p = 1.9$ bar)	4.5 m <sup>3</sup> /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 50
Drain line	20 mm - QC**
Brine line	3/8 inch BSP
Mounting base	4 inches BSP threaded
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
External:	
Accuracy range 3/4 inch (± 5%)	10 - 120 Lpm
Accuracy range 1 1/2 inch (± 5%)	12 - 200 Lpm

## REGENERATION CYCLES

Softener & Demineralisation	1) Backwash (Upflow)
	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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