PNEUMATICALLY ACTUATED 3-PIECE SANITARY STAINLESS BALL VALVE



** Referential image*
*** Some features may vary without prior notice. Sale subject to inventory availability*

DATE
: 11/23/2026 07:50 PM

SKU
: 9653

BRAND
: DIXON VALVE

MODEL
: BV2CV-250CC-BBC

Features:
Compact design for areas with tight space restrictions
Full-port valve design offers lower pressure drop and a less turbulent flow
Balanced encapsulated valve construction minimizes cold-flow of seats
Precision stainless steel balls reduce torque and friction losses while extending the seat life of the valve
Actuator is tested to one million cycles and it features bi-directional stops for ±5º travel adjustment and visual position indication.
80 PSI plant air is required

Construction:
Valve has Virgin PTFE seats, a blow-out proof stainless steel stem and live-loaded stem packing
ID polish is Ra 32 minimum
Rack and Pinion actuator has a hard anodized aluminum body, nickel plated anti-blowout pinion, Buna-N O-rings and NAMUR mounting.

Available Options:
A wide variety of options are available: modulating, extra switches, transmitters, potentiometer, etc. Contact Dixon for details.

Safety notes:
Even though there are torque safety factors built into our automated ball valve packages, actual service conditions must also be considered when selecting the proper product for the appropriate application.
Severe service conditions such as dirty water, dirty air, all slurries, raw sewage water, oils, and other viscous fluids can have a dramatic affect in raising the torque requirements of ball valves as much as 75% and therefore larger actuators may be required. Please consult Dixon when dealing with these types of applications.
WARNING: Cancer and Reproductive Harm- www.P65Warnings.ca.gov

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TECHNICAL SPECIFICATIONS

Factory Part Number	BV2CV-250CC-BBC
Material	316 Stainless Steel
Maximum Operating Pressure	Actuator: 120 PSI
Pressure Rating	Valve: 800 PSI WOG
Seat	Virgin PTFE
Size	2-1/2"
Style	Spring Return
Temperature Range	-40°F to 200°F (-40°C to 93°C)

KMX

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