



100 Series Gas Check Valves

Applications

CNG dispenser, Storage Vessels, Priority panels, Compressors.

Materials

Item	Description	CV102 Material
1	Body	303 Stainless steel
2	Poppet Assembly	385 brass
3	Spring Retainer	385 brass
4	Poppet spring	Stainless steel



CV102-3NBSO - Check Valve 1/4"

Product Specification

NPT thread is standard configuration to ASME B1.20.1.

Other thread types available upon request.

All products are manufactured to ISO 9001 standards.

Complies to PED 2014/68/EU.

More information available online at oasisngv.com/resources.

Not recommended for marine or coastal environments.

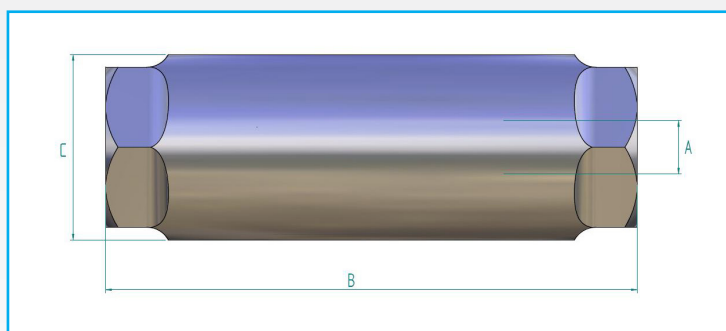
Features & Benefits

Specialist CNG check valve designed for long life applications.

Simple robust design.

Single piece, certified bar stock.

Tamper proof.



Dimensions: Imperial (mm)

Part	Size	A (Bore)	B (Length)	C (Diameter)	Thread Type
CV102	1/4"	0.25" (6.4)	2.52" (64)	0.87 (22)	1/4" NPT

Product Specification

Part Code	Mass kg (lb)	Min. Crack Pressure psi (bar) *	Min. Re-seal Back Pressure psi (bar) **	Max. Operating Pressure psi (bar) ^	Min. Temp. °C (°F)	Max. Temp. °C (°F)	Cv
CV102-3NBSO	0.2 (0.4)	2 (0.1)	7 (0.5)	6000 (410)	-40 (40)	85 (185)	1

* Minimum upstream pressure at which the valve will operate.

** Minimum back pressure at which to re-seal check valve.

^ Maximum pressure at which the product can continuously operate at.

We reserve the right to modify product specifications without prior notice.