

# BSL Gas Technologies Limited

Mixing Knowledge and Resource Delivering Thought Provoking Industrial Gas Solutions



## 1000 slpm Flow Control Valve.



BSL Gas Technologies Limited 1000 slpm flow control valve

Manufactured in Aluminium with stainless steel and brass internals and Nitrile seals, diaphragms and O rings this valve is ideally suited to purpose.

The unique design of the valve is such that provided the supply gas pressure remains constant an accurate flow of gas can be maintained when the downstream pressure changes. A typical example would be when filling a large buffer tank or pipe work system.

1. General Details		2. Design Details	
Product Name	Flow Control Valve	Dimensions mm	Diameter 80 mm
Product Details	BO 104	Weight (kgms)	1.0 kg
Gases Suitable	Inert gases and O <sub>2</sub> < 25%	Inlet Pressure of gases	5 to 14 bar g
Flow Capabilities	1000 litres per minute	Connections	G1/2"
Manufacturer	BSL Gas Technologies Limited	Outlet Pressure max	Inlet gas less 1 bar g
Telephone	++ 44 1634 661100	Design Pressure	15 bar
Facsimile	++ 44 1634 671111	Temperature Range	-10 to +50 deg C
email	Info@bslgastech.com	Drawing Number	

3. Main Features	4. Benefits
Brass body	Lightweight construction
Built-in flow adjuster	Simple to set up
Pressure balance system built-in	Accurate and constant flow of gas
Standard inlet and outlet connections	Simple to install
Very robust construction	Cost effective
Requires little maintenance	

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