

DCG Spec-Brief™

526 Series Automatic Switchover with Brass Components

SB – 125

DCG's 526 Series Automatic Switchover is designed to provide a continuous supply of high purity, non-corrosive gas. The system comes with either flexible pigtailed for use with two cylinders or manifold connectors for use with the Maniflex Modular Manifold System. Due to pressure differential considerations, an integral line regulator is available to maintain constant downstream pressure.

DCG's 526 series Automatic Switchover bodies is made of brass barstock. The seats with PTFE and PCTFE with 450 PSIG inlet. 10 micron sintered bronze with the Diaphragm of 316L Stainless steel. The internal seals PTFE.

At DCG, our quality automatic switchover series provides continuous supply of non-corrosive gas giving you cost effective maintenance and a system that delivers when time matters.



Specifications:

Maximum inlet Pressure:
3000 PSIG (210 Bar)
4500 PSIG (300 Bar) Optional

Temperature Range:
-40°F to 140°F (-40°C to 60°C)

Gauges:
2" Diameter Brass

Outlet Connection:
1/4" MPT (without line regulator)
1/4" FPT (with line regulator)

Helium Leak Integrity:
 1×10^{-8} scc/sec

Cv
0.1

Weight:
8.25 lbs. (3.71)



**DCG Partnership 1,
Ltd.**

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DCG Spec-Brief™
 Consult the following Spec's
 for related Applications:

**SB-111 405 Series High Purity
 Brass Line Regulator**
SB-132 CGA Fittings

- 400 Series brass barstock regulators
Capsule® seat
- Metal-to-metal diaphragm seal
- No possibility of gas contamination
- User-Friendly
- One knob switches cylinder priority
- Check valves in pigtail inlet glands
- Prevents contamination and back flow
- Compatible with Manifold Manifolds
- Multiple cylinders per side
- Optional Line Regulator
- Stable line pressure during change

526	A	B	C	D	CON
Series 526	Switching Pressure (Priority Right/Left)	Inlet Connections	Line Regulator	Assembly/Gauges	Pigtail
	1: 125 PSIG/105 PSIG 2: 70 PSIG/50 PSIG 3: 100 PSIG/75 PSIG 4: 200 PSIG/170 PSIG 5: 500 PSIG/470 PSIG 7: 150 PSIG/130 PSIG 8: 300 PSIG/270 PSIG	O: 1/4" FPT Ports 1: Flexible Stainless Steel Pigtails (36") 2: Manifold Connectors 3: Flexible Stainless Steel Pigtails (24") 4: Diaphragm Valves with 1/4" FPT Port 5: Diaphragm Valves with Pigtails (24") 6: Diaphragm Valves with Manifold Connectors 7: Diaphragm Valves with Pigtails (24") 8: Flexible PTFE-lined Pigtails (24")	O: None 1: 0-15 PSIG 2: 0-50 PSIG 3: 0-100 PSIG 4: 0-250 PSIG 5: 0-400 PSIG 7: 0-150 PSIG	1: 0-4000 PSI/kPA Gauges* No alarm capability 2: 0-4000 BAR/PSI Gauges* No alarm capability 3: 0-4000 BAR/PSI* with Pressure Switches ^ and 110V Remote Alarm 4: 0-4000 BAR/PSI* with Pressure Switches ^ and 220 V Remote Alarm 5: 0-600 BAR/PSI Gauges No alarm capability 6: 0-600 BAR/PSI* with Pressure Switches ^ and 110V Remote Alarm 7: 0-600 BAR/PSI* with Pressure Switches ^ and 220 V Remote Alarm 8: 0-4000 BAR/PSI* with Pressure Switches ^ and without remote alarm	Please specify Connection (If Applicable) CGA DIN 477 BS 341 and others available

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