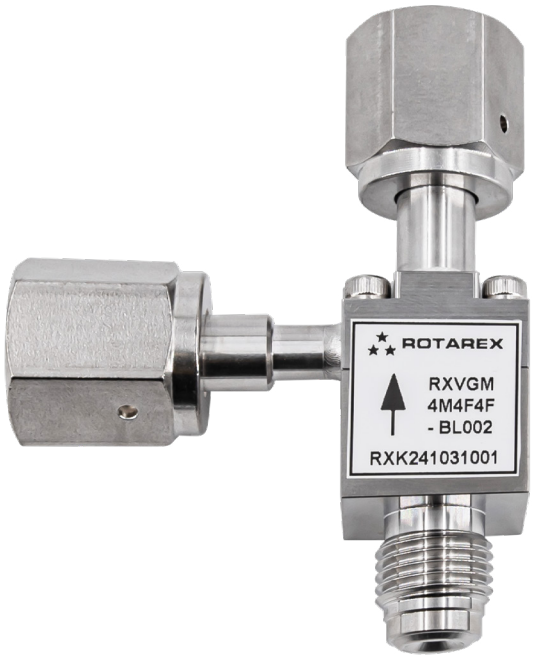
ROTAREX
VALVES - REGULATORS - SYSTEMS

BOISWOOD
GAS AND LIQUID CONTROL TECHNOLOGIES

Pressure & Vacuum
Flow
Level & Temperature
Tube & Fittings
HVACR
Custom Services

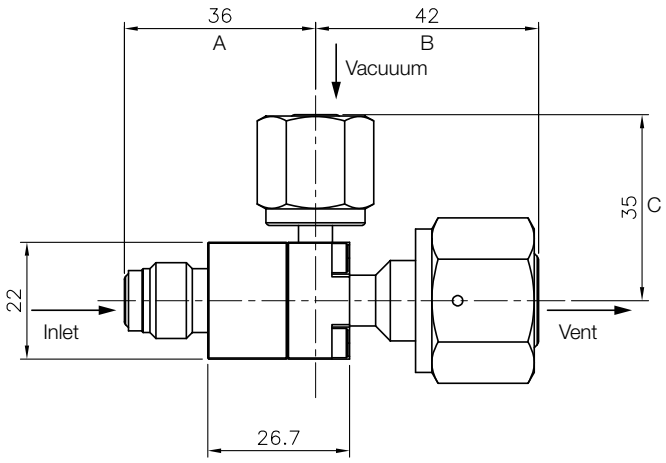


RXVGM

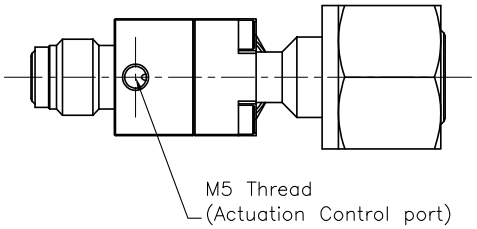
HIGH PERFORMANCE VACUUM GENERATOR MODULE TYPE

- High Performance with compact design
- 316L Stainless Steel Construction
- 100torr Vacuum Generated with minimum source (60slpm at 80psig N2)
- DI water cleaned, 100% welded, assembled tested & packed in clean room
- 100% performance test (Vacuum, Reseal, cracking Pressure)
- Normally Closed air actuator type
- Various bleed option available (2.5/5/8/15 slpm at 80psig N_2)

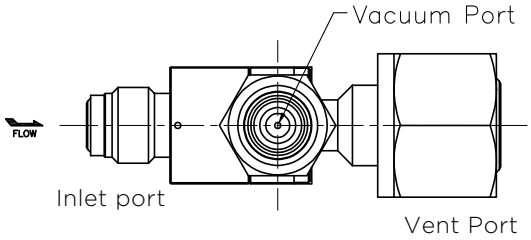
DRAWING
MANUAL VERSION



Bottom View



Top View



Port	Inlet A (mm)	Vent B (mm)	Vacuum C (mm)
Available end connections dimensions	4M (36)	4M, 4F (27)	4M, 4F (35)
	-	6M, 6F (42)	4BWO (19)
	-	6BWO (24)	-

SPECIFICATIONS

N_2 inlet
70 to 110psig (4.8 to 7.6 bar)

Vacuum port (operating)
3,500psig (241bar)

Vacuum maximum
26in.Hg (100torr)

Cracking pressure
3psid (0.2bar)

Actuation pressure
60 to 110 psig (4 to 7.6 bar)

Proof pressure
150% of operating pressures

Burst pressure
300% of operating pressures

Leak rate
Bubble tight

Operating temperature
14°F to + 160°F (-10° to +71°C)

Valve status
Nomally Closed (NC)

Actuation port
M5 thread

Connection
Inlet: 1/4" male VCR
Vacuum: 1/4" (female VCR/ male VCR/ Tube)
Vent:1/4" (female VCR/ male VCR)
3/8"(female VCR/ male VCR/ Tube)

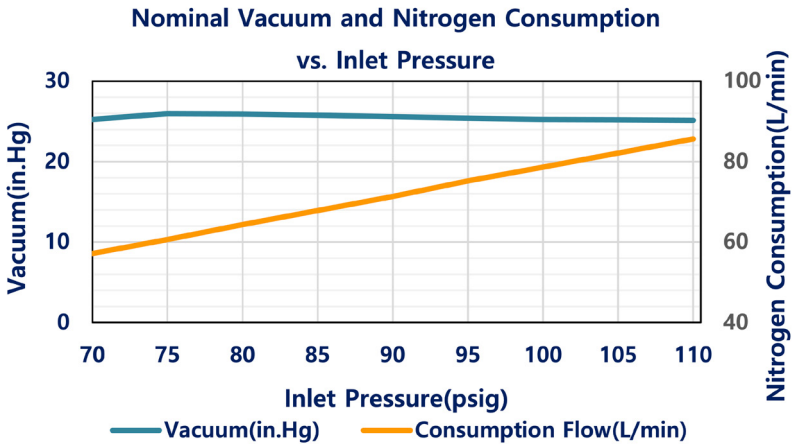
CONSTANT BLEED (OPTION)

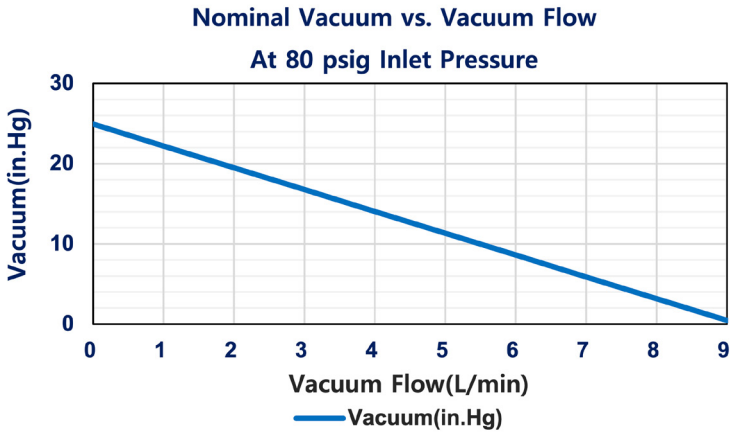
BL001	1-2.5 slpm at 80 psig (5.5 bar) N_2
BL002	2-5 slpm at 80 psig (5.5 bar) N_2
BL003	5-8 slpm at 80 psig (5.5 bar) N_2
BL004	10–15 slpm at 80 psig (5.5 bar) N_2

CONSTRUCTION MATERIAL

	Parts	Material
Wetted parts	Body	SS 316L
	Check valve	SS 316L
	Piston	SS 316L
	Spring	SS 316L
	O-ring	FKM

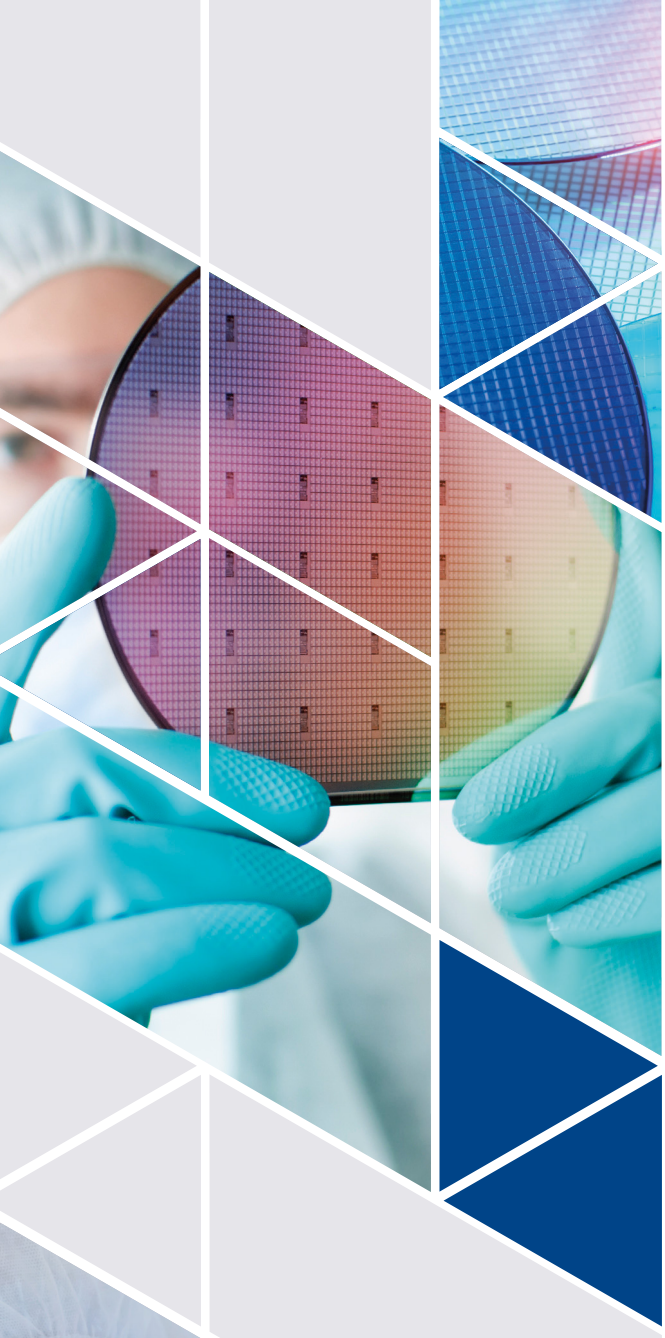
All dimensions are for reference only and are subject to change without notice.





PRODUCT CONFIGURATOR

	Vacuum generator type		Inlet port		Vent port		Vacuum port		Bleed options	
RXVG	M		4M		6F		4F		BL002	
	Module with check valve	M	1/4” Male VCR	4M	1/4” Male VCR	4M	1/4” Male VCR	4M	2.5slpm	BL001
					1/4” Female VCR	4F	1/4” Female VCR	4F	5slpm	BL002
					3/8” Male VCR	6M	1/4” Butt Weld	4BWO	8slpm	BL003
					3/8” Female VCR	6F			15slpm	BL004
					3/8” Butt Weld	6BWO				



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