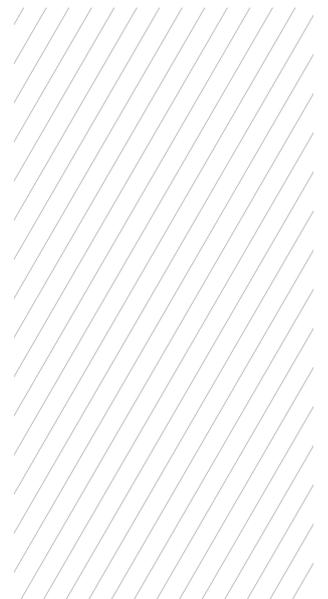


HIGH PERFORMANCE VACUUM GENERATOR BLOCK TYPE

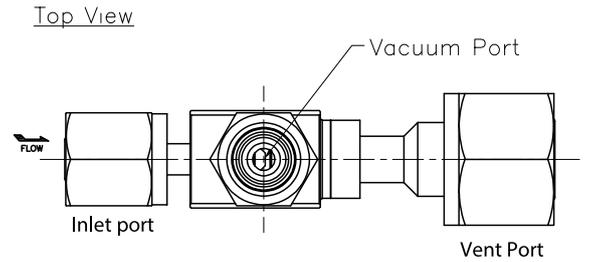
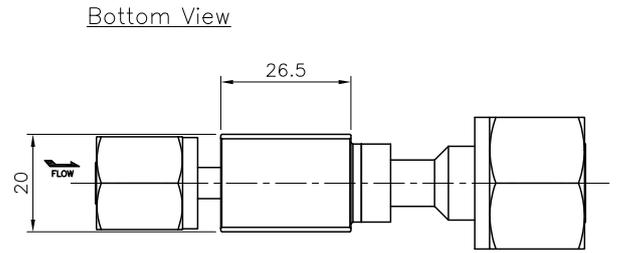
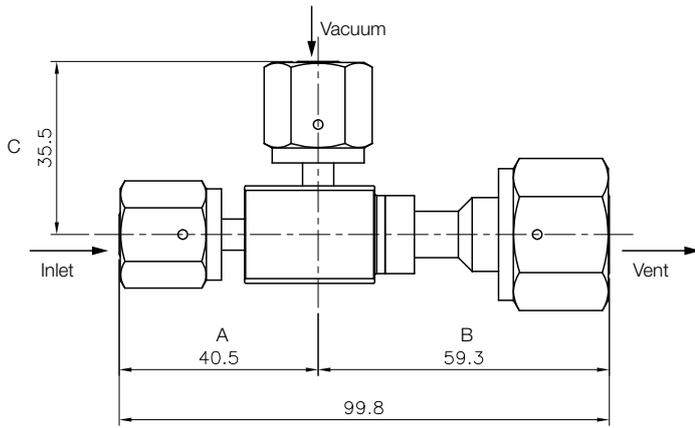
- High Performance with compact design
- 316L Stainless Steel Construction
- 60torr Vacuum Generated with minimum source (60slpm at 80psig N₂)
- DI water cleaned, 100% welded, assembled tested & packed in clean room
- 100% performance test (Vacuum & He inboard test)

**B
G
V
R**



DRAWING

MANUAL VERSION



Port	Inlet A (mm)	Vent B (mm)	Vacuum C (mm)
Available end connections dimensions	4M, 4F (40.5)	4M, 4F (46)	4M, 4F (35.5)
	4BWO (32)	6M, 6F (59.3)	4BWO (27)
	-	6BWO (37)	-

SPECIFICATIONS

N₂ inlet

78 to 110psig (5.3 to 7.6 bar)

Proof pressure

150% of operating pressures

Operating temperature

-40° to +160°F (-40° to +71°C)

Vacuum port (operating)

3,500psig (241bar)

Burst pressure

300% of operating pressures

Finish

Ra 20µin (0.5µm)

Vacuum maximum

27in.Hg (60torr)

Leak rate

≤1x10⁻⁹mbar.l/s

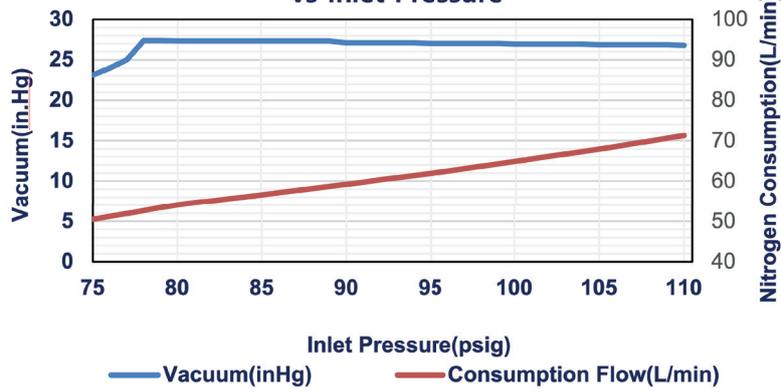
Connection

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

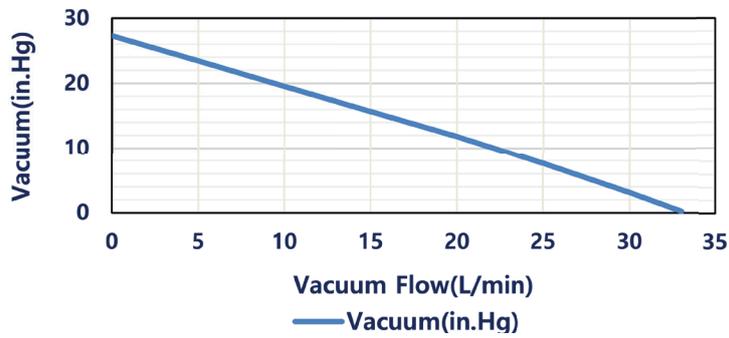
CONSTRUCTION MATERIAL

	Parts	Material
Wetted parts	Nozzle	SS 316L
	Diffuser	SS 316L
	Gland	SS 316L

Nominal Vacuum and Nitrogen Consumption vs Inlet Pressure



Nominal Vacuum vs. Vacuum Flow At 80 psig Inlet Pressure



PRODUCT CONFIGURATOR

	Vacuum generator type	Inlet port	Vent port	Vacuum port
RXVG	B	4F	6F	4F
Block	B	4M 1/4" Male VCR 4F 1/4" Female VCR 4BWO 1/4" Butt Weld	4M 1/4" Male VCR 4F 1/4" Female VCR 4BWO 3/8" Male VCR 6F 3/8" Female VCR 6BWO 3/8" Butt Weld	4M 1/4" Male VCR 4F 1/4" Female VCR 6M 1/4" Butt Weld 6F 6BWO



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