

Stainless Steel Model	GSC205.31101.□	GSC205.32201.□	GSC205.32202.□
Inlet / Outlet (NPT)	1/4"	1/2"	1/2"
Sample Port (NPT)	1/4"	1/4"	1/2"
Maximum Pressure (psig)	1500	1500	1500
Internal Volume (Behind Membrane Chamber–Clean Side) (cc)	20	20	20
Weight of Housing (lbs)	7	7	7
Principle Dimensions: (inch)			
Center of Port to Back	0.50	0.63	0.63
Body Diameter	3.94	3.94	3.94
Body Depth (With Hex)	2.70 (3.00)	2.70 (3.00)	2.70 (3.00)
Space Required to Remove Cap	1.80	1.80	1.80
Maximum Temp. (400°F)			
Standard Viton O-Ring	GVGSC205	GVGSC205	GVGSC205
Stainless Steel Disc Included with Housing (1)(2)	FDGSC205-□	FDGSC205-□	FDGSC205-□
Drawing	<u>GSC205.31101</u>	<u>GSC205.32201</u>	<u>GSC205.32202</u>
For More Detail & Options			

Notes: (1) Add Micron Rating Required, e.g. FDGSC205-01, FDGSC205-10, FDGSC205-25 and FDGSC205-50
(2) If ordering Micron Size 005, a minimum order is required.

HOW TO ORDER A GUARDIAN SPIN CLEAN HOUSING

Base Part Number	Number of Ports	Inlet	Outlet	Optional Bypass	Sample	Micron Size
GSC205	3 = 3 Ports	0 = No	0 = No	0 = No	0 = No	005 = 0.5 Micron
	4 = 4 Ports	1 = 1/4"	1 = 1/4"	1 = 1/4"	1 = 1/4"	01 = 1 Micron
		2 = 1/2"	2 = 1/2"	2 = 1/2"	2 = 1/2"	03 = 3 Micron
						10 = 10 Micron
						25 = 25 Micron
						50 = 50 Micron
						100 = 100 Micron

Example Part Number: (GSC205.31101.50)

GSC205 FLOW RATES ⁽¹⁾

	Inlet Flow (LPM) (Port 1)	Outlet Sample Flow (LPM) (Port 2)	Bypass Flow (LPM) (Port 3)	Filter Differential Pressure Across Ports 1 and 2 (PSID)
Empty Housing	3.78	1.89	1.89	0.22
	11.17	5.68	5.49	1.82
	18.56	9.46	9.10	4.32
3 Micron	3.84	1.89	1.95	0.27
	11.40	5.68	5.72	2.14
	18.97	9.46	9.51	5.60
50 Micron	3.86	1.89	1.97	0.26
	11.43	5.68	5.75	2.07
	19.04	9.46	9.58	5.40

Notes: (1) Higher microns result in a reduced pressure drop across the filter disc.