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Core Lab



# Automatic Valves - VAVC

## Datasheet

Accessory\Valve



## Automatic Valves - VAVC



Specifications	
Working Pressure	From 0 to 4000 bar (58 040 psi)
Pressure Variation	< 0.1 bar
Maximum Working Temp.	200°C
Complete Modularity	On/off valves, multi-positions and/or multi-path
Options	Working with corrosive gas or liquid Having a pressure regulation function : CVD Valve

### General Features

- Constant Volume Automatic Valves
- Available upon request in different materials adapted to corrosive fluids and / or special temperature (Stainless Steel or Hastelloy)
- Using under High Pressure and/or High Temperature
- Dead volumes are reduced
- Deported Control Air System



Model 1



Model 2



Double VAVC with High pressure Adaptor



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Spare Parts	Item	Designation	ST references
	1	Body Model 1	04985101
	2	Cap	04985104
	3	Half Female Piston	04985103
	4	Fitting	04985106
	5	Peek Anti-extrusion Ring	04985111
	6	Teflon Anti-extrusion Ring	04985112
	7	Ø12,42 x Ø 1,78 P-Ring	51012417
	8	CHC M4x16 screw	CHM0416I
	9	Peek Washer	04985110
	10	Internal Boot	04985107
	11	Ø39,34xØ2,62 O-Ring	51039326
	12	Half Male Piston	04985102
	13	Stem Washer	04985109
	14	Ø4,47xØ1,78 O-Ring	51004417
	15	Air Connection Gasket	5530G2-101
	16	Ø4 tubing x M5 adaptor	222-3801
	17	Stem	04985108

Type		Model 1		Model 2	
ST References		VAVC1000	VAVC1500	VAVC3000	VAVC4000
Working Pressure		1000 bar	1500 bar	3000 bar	4000 bar
Working Temp.		200 °C			
Material	Body	Stainless Steel 316			
	Stem	Peek	Carburandum		
Dimensions	Length ( in mm)	51	124	126	126
	Ø ( in mm)	58	90	150	150
	Passage Ø ( in mm)	1.3	1.5	1.5	1.5
	Adaptor ( in inch)	3/8"	7/16"	9/16"	9/16"
Control Pressure of the valve ( in bar)		6	8	8	8
Optional		For corrosive resistance : Hastelloy C-276			
		Others dimensions upon request			