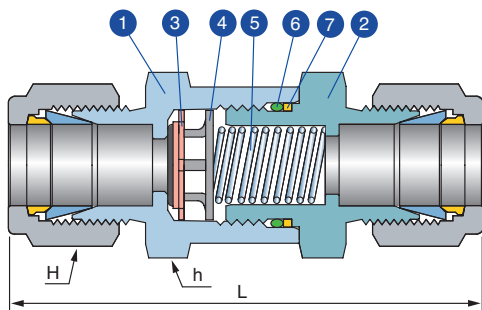


VC6 series

(6000 psig, Fixed Cracking Pressure)



Materials of Construction

No.	Description	Materials
1	Inlet Body	316SS
2	Outlet Body	316SS
3	Poppet	Viton bonded 316SS
4	Poppet Stop	316SS
5	Spring	302SS
6	O-ring	Viton
7	Backup Ring	PTFE

Ordering Information & Dimensions

Part Number	End Connection		Cv	Dimensions (mm)		
	Inlet	Outlet		L	h	
VC61	U-02T-	1/8" UNILOK	0.67	57.7	17.46	
	U-04T-	1/4" UNILOK		61.7		
	U-M06T-	6mm UNILOK		61.7		
	M-02N-	1/8" Male NPT		44.8		
	M-04N-	1/4" Male NPT		54.8		
VC62	U-06T-	3/8" UNILOK	1.80	69.9	25.40	
	U-08T-	1/2" UNILOK		75.2		
	U-M08T-	8mm UNILOK		68.6		
	U-M10T-	10mm UNILOK		71.1		
	U-M12T-	12mm UNILOK		75.2		
	F-06N-	3/8" Female NPT		64.8		26.98
	F-08N-	1/2" Female NPT		77.0		
	M-12N-	3/4" Male NPT		59.2		
	M-16N-	1" Male NPT		69.2		
	VC63	U-12T-		3/4" UNILOK		4.70
U-16T-		1" UNILOK	120.0	34.92		
U-M25T-		25mm UNILOK	120.0	34.92		
F-12N-		3/4" Female NPT	104.0	31.75		
F-16N-		1" Female NPT	123.0	34.92		

ISO7/1 Tapered Threads (PT) are available for all fractional sizes of VC series valves. Add "R" as a suffix instead of "N".

Pressure Rating at 70°F(21°C)

Series	316SS	
	psig	bar
VC61 VC62	6000	413
VC63	5000	344

O-ring Seal Temperature Rating

O-ring Materials	Temperature Rating	
	°C	°F
Viton	-28 ~ 204	-18 ~ 400
Ethylene Propylene	-45 ~ 135	-49 ~ 275
Buna N	-20 ~ 105	-4 ~ 221
Neoprene	-40 ~ 121	-40 ~ 250
Kalrez	-20 ~ 315	-22 ~ 599

CNG Application

UNILOK VC6 series, high pressure check valves are available for CNG application with CNG compatible HNBR O-ring.

To order, add -H to the end of part number.