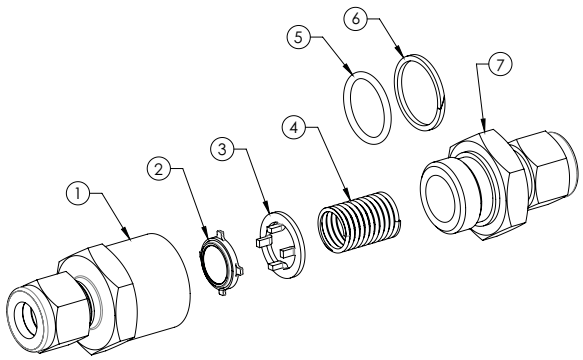
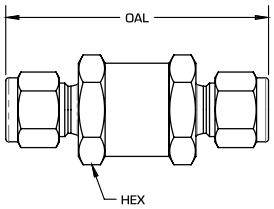

TYLOK
SS-CH-D4D4-1/3
6000psig @ 100°F
TYLOK
SS-CH-D8D8-1/3
6000psig @ 100°F
316
TYLOK

Features:

- Stainless Steel Construction
- Poppet with bonded elastomer seal
- Up to 6000 psig maximum working pressure
- -10°F to 400°F temperature rating
- Cracking pressures from 1/3 to 25 psi
- Fluorocarbon FKM seals



Component		Material (Material Grade/ASTM Specification)
1	Inlet Body	316SS / A479
2	Bonded Poppet	Fluorocarbon FKM - Bonded 316SS / A479
3	Poppet Stop	316SS / A240
4	Spring	302SS / A313
5	O-Ring	Fluorocarbon FKM
6	Backup Ring	PTFE / D1710
7	Outlet Body	316SS / A479



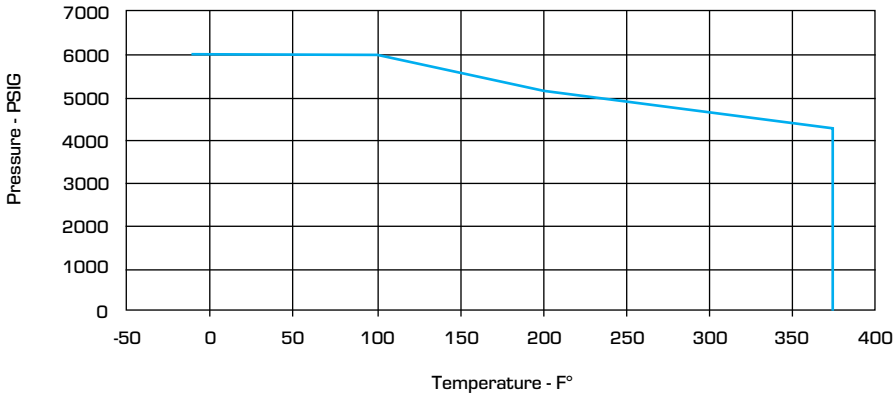
End Connection		Part Number	Interchanges With	-10°F to 100°F Pressure Rating psig	Cv	OAL	HEX
Type	Size						
CBC-Lok® Tube Fitting	1/8	SS-CH-D2D2-	SS-CHS2-	6000	0.67	2.27	11/16
	1/4	SS-CH-D4D4-	SS-CHS4-			2.43	
	3/8	SS-CH-D6D6-	SS-CHS6-		1.80	2.75	1
	1/2	SS-CH-D8D8-	SS-CHS8-			2.96	
	3/4	SS-CH-D12D12-	SS-CHS12-	5000	4.70	3.52	1-5/8
	1	SS-CH-D16D16-	SS-CHS16-	4700*		3.88	
CS-Lok® Tube Fitting	1/8	SS-CH-S2S2-	-	6000	0.67	2.27	11/16
	1/4	SS-CH-S4S4-	-			2.43	
	3/8	SS-CH-S6S6-	-		1.80	2.75	1
	1/2	SS-CH-S8S8-	-			2.96	
	3/4	SS-CH-S12S12-	-	5000	4.70	3.52	1-5/8
	1	SS-CH-S16S16-	-	4700*		3.88	
Female NPT to Female NPT	1/4	SS-CH-F4F4-	SS-CHF4-	6000	0.67	2.13	11/16
	3/8	SS-CH-F6F6-	SS-CHF6-	5000	1.80	2.55	1
	1/2	SS-CH-F8F8-	SS-CHF8-	4600*		3.03	
	3/4	SS-CH-F12F12-	SS-CHF12-	4300*	4.70	3.23	1-5/8
	1	SS-CH-F16F16-	SS-CHF16-	4100*		3.83	

*Pressure derating based on end connection

Cracking Pressure Designator psig	Cracking Differential Pressure psig	Minimal Reseal Differential Pressure psig
1/3	1/3 to 3	6 back pressure
1	1 to 4	6 back pressure
5	3 to 9	2 back pressure
10	7 to 15	3 (inlet)
25	20 to 30	17 (inlet)

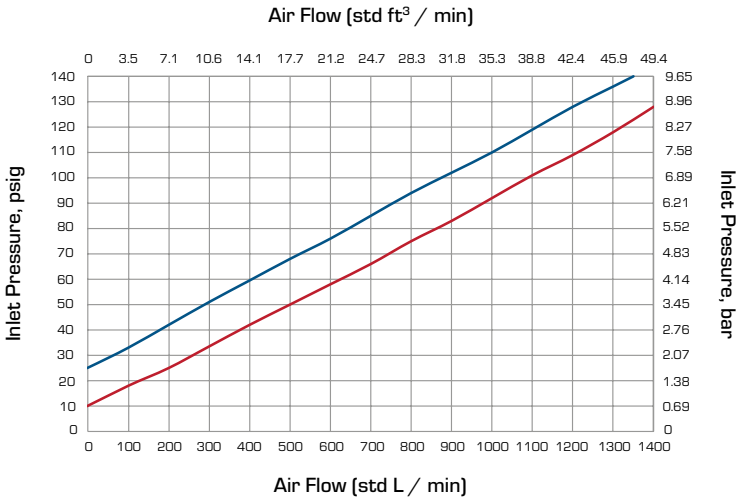
To order, add Cracking Pressure Designator to the end of the Part Number.
Ex: a 1/4" CBC-Lok Check Valve with a 1/3" cracking pressure would be SS-CH-D4D4-1/3

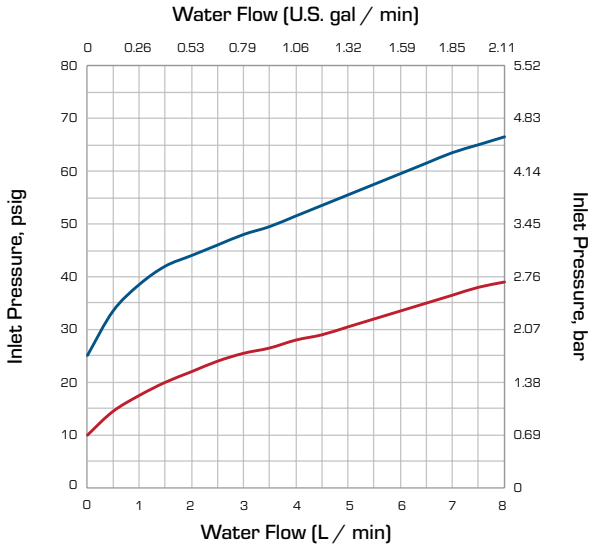
Temperature - Pressure Ratings



Pressure - Temperature Ratings (based on fluorocarbon FKM seals)	
Temperature °F (°C)	**Working Pressure psig (bar)**
-10°F (-23°C) to 100°F (37°C)	6000 psig (413 bar)
200°F (93°C)	5160 psig (355 bar)
250°F (121°C)	4910 psig (338 bar)
300°F (148°C)	4660 psig (321 bar)
375°F (190°C)	4280 psig (295 bar)

Cv = 0.67 Cracking = 1 psig Cv = 0.67 Cracking = 10 psig





Cv = 1.8 Cracking = 1 psig Cv = 1.8 Cracking = 10 psig