

Instrumentation Check Valves



Features

- Pressure rating up to 3000 psi(206 bar) @21 °C(70°F)
- Temperature rating from -20°C(-4°F) to +190°C(374°F) with Viton® seal
- Fixed cracking pressure
- 316 Stainless steel
- Wide choices of end connections : Uni-Lok Tube Fittings, Male & Female NPT or ISO 7/1 thread
Viton® is the trade mark of DuPont.

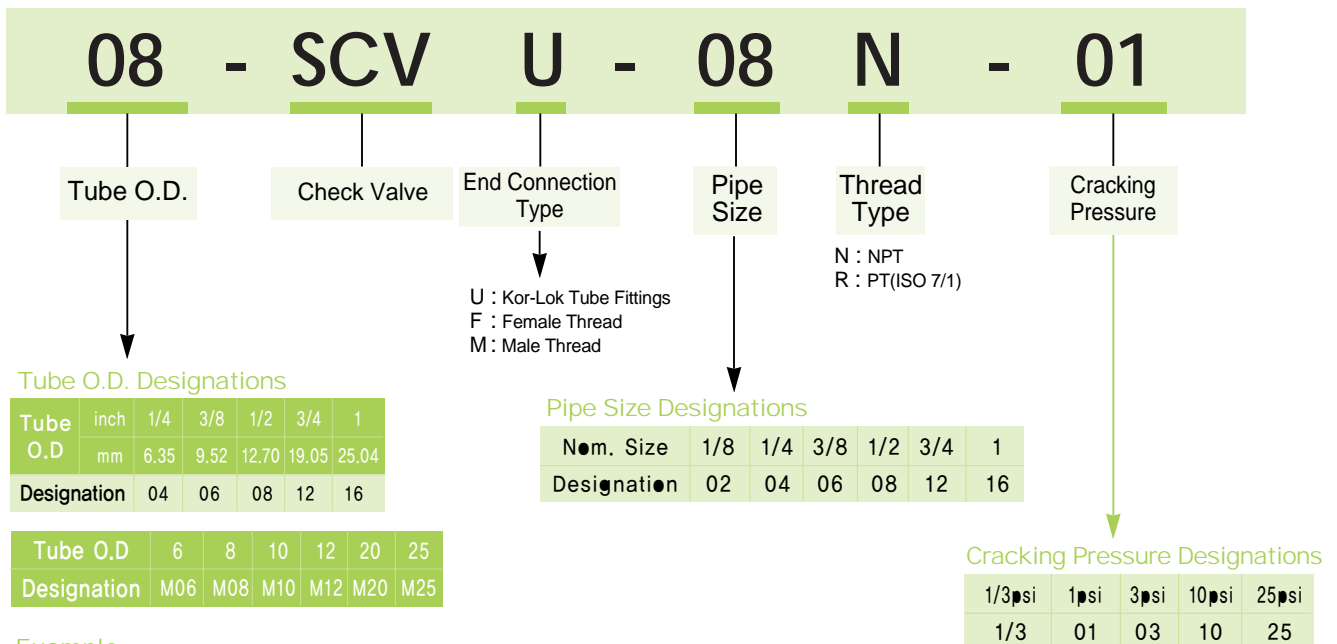
Testing

- Every valve is 100% factory tested with nitrogen for cracking and reseal performance.
- Other optional tests are available upon request.

Safe Valve Selection

- When selecting a valve, the total system design must be considered to ensure safe, trouble-free performance.
Valve function, materials compatibility, adequate ratings, proper installation, operation and maintenance are the responsibility of the system designer or user.

How to Order



SCVU, SCVF, SCVM Series

Materials of Construction

No.	Description	316SS Valve
1	Inlet Body	316SS
2	Outlet Body	316SS
3	O-Ring	Viton
4	Gasket	304SS (12T,16T)
5	Poppet	316SS
6	Spring	302SS

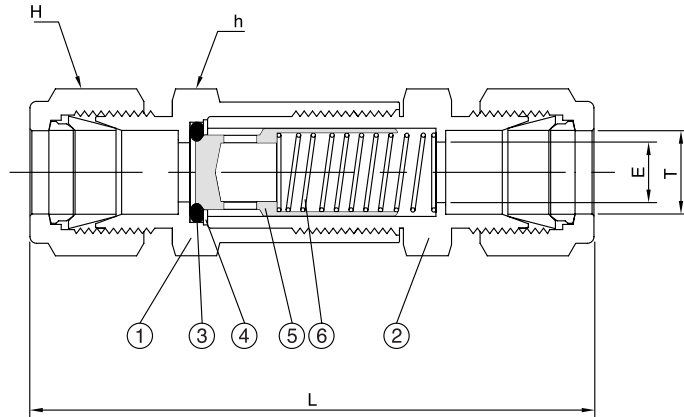


Table of Dimension

SCVU Series

Unit : mm

Part No.	Applicable Tube		E	L	h		H	
	Nom	O.D			in	mm	in	mm
04-SCVU	1/4	6.35	4.8	61.2	5/8	15.87	9/16	14.28
06-SCVU	3/8	9.52	7.0	82.7	7/8	22.22	11/16	17.46
08-SCVU	1/2	12.70	10.0	87.3	7/8	22.22	7/8	22.22
12-SCVU	3/4	19.05	16.0	91.6	1-1/4	31.75	1-1/8	28.57
16-SCVU	1	25.40	19.5	120.0	1-3/8	34.92	1-1/2	38.10
M06-SCVU	6	6	4.8	61.2		15.87		14.28
M08-SCVU	8	8	6.4	61.8		15.87		15.87
M10-SCVU	10	10	8.0	81.7		22.22		19.05
M12-SCVU	12	12	9.5	87.3		22.22		22.22
M25-SCVU	25	25	19.5	120.0		34.92		38.10

SCVF, SCVM Series

Unit : mm

Part No.	P (NPT)	E	L	h	
				in	mm
SCVF-04N	1/4	4.8	54.8	5/8	15.87
SCVF-06N	3/8	7.0	76.2	7/8	22.22
SCVF-08N	1/2	7.0	90.5	7/8	22.22
SCVF-12N	3/4	16.0	87.5	1-1/4	31.75
SCVF-16N	1	19.5	123.0	1-3/8	34.92
SCVM-04N	1/4	4.8	53.2	5/8	15.87
SCVM-06N	3/8	7.0	70.6	7/8	22.22
SCVM-08N	1/2	7.0	80.2	7/8	22.22
SCVM-12N	3/4	16.0	86.0	1-1/4	31.75
SCVM-16N	1	19.5	115.0	1-3/8	34.92

Male ISO Tapered Threads are available for all SCVF, SCVM Series. Add "R" as a suffix instead of "N"

Note : Dimensions are reference only, subject to change without prior notice.



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