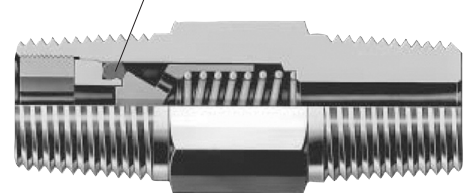


SCP30 Series For working pressure up to 3000 psig(206bar)

Features

- Pressure rating up to 3,000psig (206bar) @ 70°F (21°C).
- Temperature rating up to 375°F (191°C) with Standard Viton O-ring.
- Choice of materials : Standard S316 and Brass.
- Cracking pressures include : 1/3, 1, 3, 10, 25, 50psi.
- Heat code traceability.
- Every valve is 100% factory tested for cracking and reseal.

Fully contained O-ring seal
blow-out proof design



Compact, one-piece body

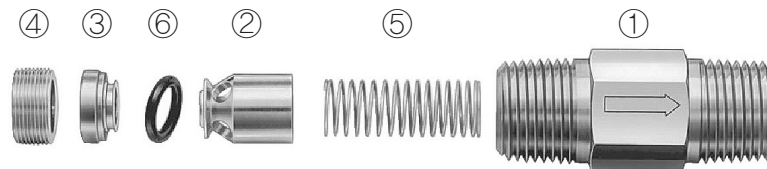
Technical Data -Spring Cracking, Reseal and Back Pressure @70°F (21°C)

Spring Nominal Cracking Pressure		Applied Working Pressures –psig(bar)				Reseal Pressure	
		Min. Pressure		Max. Pressure		psig	bar
psig	bar	psig	bar	psig	bar	psig	bar
1/3	0.02	0	0	3	0.21	up to 6	0.41
						Back pressure	
1	0.07	0	0	4	0.28	up to 5	0.34
						Back pressure	
10	0.69	7	0.48	15	1.03	3	0.21
25	1.72	20	1.38	30	2.07	17	1.17

Materials of Construction

Item	Description	Valve Body Materials	
		S316	Brass
1	Body	S316 /A276, A479	Brass
2	Poppet		
3	Insert		
4	Locking Screw	S302/A313	
5	Spring	Viton	NBR
6	O-ring		

*Silicone-based Lubricant for poppet.
Wetted parts are listed in orange color.



Ordering Information and Dimensions

Basic Ordering Number	Cv	End Connections			Dimensions mm(inch)	
		Size	Inlet	Outlet	L	H
SCP1	0.35	1/4"	Male NPT		41.1(1.62)	14.28(9/16)
		1/4"	Male ISO			
		1/4"	Female NPT		61.2(2.41)	19.05(3/4)
		1/4"	Female ISO		64.5(2.54)	
		1/4"	Male / female NPT		44.4(1.75)	
		1/4"	Female / male NPT		58.2(2.29)	
SCP2	1.20	1/2"	Male NPT		57.9(2.28)	22.22(7/8)
		1/2"	Female NPT		94.2(3.71)	26.98(1-1/16)
		1/2"	Male / female NPT		71.9(2.83)	

All dimensions shown are for reference only and are subject to change.