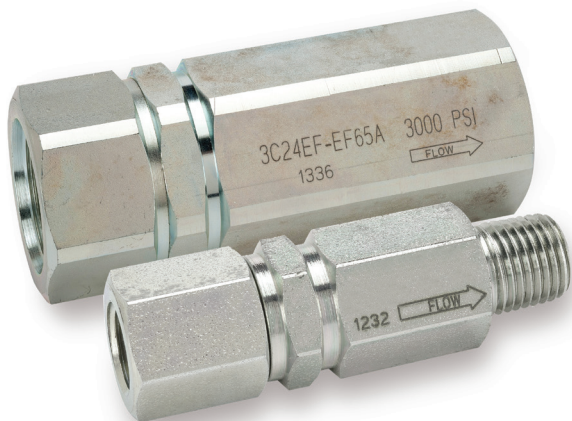




S6C and 3C Soft Seat Check Valves span a wide variety of sizes and end configurations.

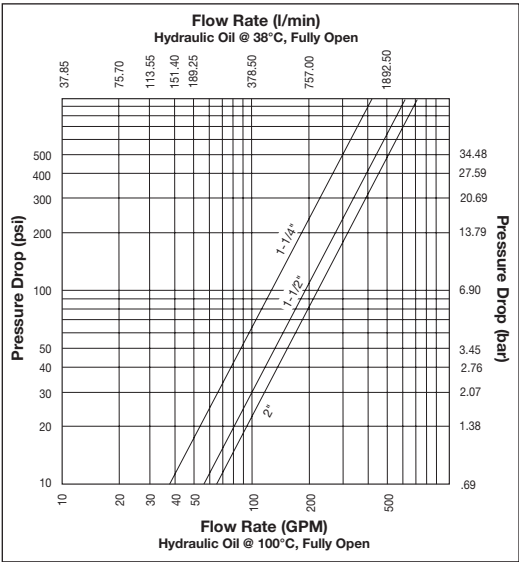
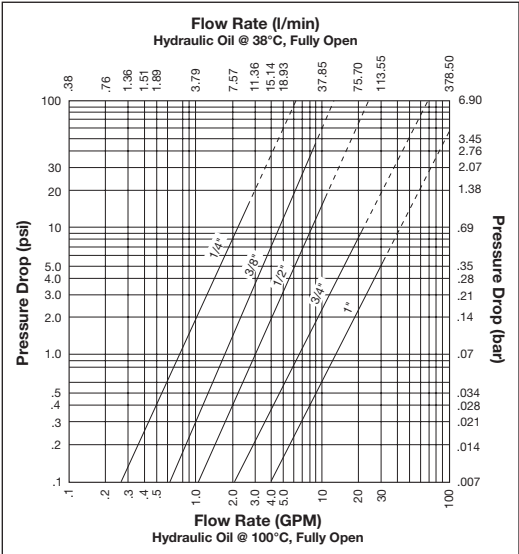
S6C and 3C check valves have a variety of options enabling them to meet the needs of most systems. The soft seated poppet creates a leak free seal to protect hydraulic systems from reverse flow.

S6C check valves are stainless steel with a rated pressure of 6000 psi (sizes 1/4", 3/8", 1/2", 3/4" & 1"). 3C check valves are steel with a rated pressure of 3000 psi (sizes 1-1/4", 1-1/2" & 2").

These in-line unidirectional valves are available in sizes 1/4" to 2". Standard spring crack pressures are shown in the part number table. Other crack pressures available upon request.

Features

- 1. Fluorocarbon poppet seal is standard.
- 2. Steel or stainless steel construction
- 3. Optional crack pressures available on request
- 4. Contact QCD for other materials or configurations



Specifications	
Size (in)	Rated Flow (gpm)
1/4	3
3/8	8
1/2	12
3/4	20
1	30
1-1/4	90
1-1/2	125
2	175

Seal Options (add code to part number)	
Code	Poppet Seal Material
suffix A	Nitrile
suffix E	Ethylene Propylene



Check Valves

S6C & 3C Series Soft Seat

S6C Series Part Numbers



Valve Size	Part Number	Inlet Port Threads	Dimensions (In.)		Outlet Port Threads	Standard Seal Material	** Std Crack Pressure (psi)	Max Operating Pressure (psi)
			Length	Wrench Flats				
1/4	S6C4F-F*	1/4 - 18 NPTF (female)	2.82	3/4	1/4 - 18 NPTF (female)	Fluorocarbon	5, 25, 65	6000
1/4	S6C4F-M*	1/4 - 18 NPTF (female)	2.65	3/4	1/4 - 18 NPT (male)	Fluorocarbon	5, 25, 65	6000
1/4	S6C4M-M*	1/4 - 18 NPT (male)	2.70	3/4	1/4 - 18 NPT (male)	Fluorocarbon	5, 25, 65	6000
3/8	S6C6F-F**	3/8 - 18 NPTF (female)	3.38	1-1/8	3/8 - 18 NPTF (female)	Fluorocarbon	5, 25, 65	6000
3/8	S6C6F-M*	3/8 - 18 NPTF (female)	3.18	1-1/8	3/8 - 18 NPT (male)	Fluorocarbon	5, 25, 65	6000
1/2	S6C8F-F*	1/2 - 14 NPTF (female)	3.73	1-1/4	1/2 - 14 NPTF (female)	Fluorocarbon	5, 25, 65	6000
1/2	S6C8M-F*	1/2 - 14 NPT (male)	4.20	1-1/4	1/2 - 14 NPTF (female)	Fluorocarbon	5, 25, 65	6000
1/2	S6C8M-M*	1/2 - 14 NPT (male)	4.04	1-1/4	1/2 - 14 NPT (male)	Fluorocarbon	5, 25, 65	6000
3/4	S6C12F-F*	3/4 - 14 NPTF (female)	4.91	1-5/8	3/4 - 14 NPTF (female)	Fluorocarbon	5, 25, 65	5000
1	S6C16F-F*	1 - 14 NPTF (female)	6.06	1-7/8	1 - 14 NPTF (female)	Fluorocarbon	5, 25, 65	4000

3C Series Part Numbers



Valve Size	Part Number	Inlet and Outlet Port Threads (Female)	Dimensions (In.)		Standard Seal Material	** Std Crack Pressure (psi)	Max Operating Pressure (psi)
			Length	Wrench Flats			
1-1/4	3C20F-F**	1-1/4 - 11-1/2 NPTF	5.76	2	Fluorocarbon	5, 15, 25, 65	3000
1-1/4	3C20EF-EF**	1-5/8 - 12 UN	5.76	2	Fluorocarbon	5, 15, 25, 65	3000
1-1/4	3C20EM-EM**	1-5/8 - 12 UN (male 37° flare)	6.57	2	Fluorocarbon	5, 15, 25, 65	3000
1-1/2	3C24F-F**	1-1/2 - 11-1/2 NPTF	6.50	2-1/2	Fluorocarbon	5, 15, 25, 65	3000
1-1/2	3C24EF-EF**	1-7/8 - 12 UN	6.50	2-1/2	Fluorocarbon	5, 15, 25, 65	3000
2	3C32EF-EF**	2-1/2 - 12 UN	7.28	3-1/4	Fluorocarbon	5, 25, 65	3000