



CPIFF Series Soft Seat Check Valves provide a positive shut off to prevent reverse flow.

CPIFF Series check valves are designed to protect hydraulic systems from fluid back pressure. The poppet is streamlined with minimum restriction of flow in one direction. Flow is blocked in the reverse direction as the soft seat creates a leak free seal in the closed position.

These in-line unidirectional valves are available in sizes 1/4" to 1" with a pressure rating up to 5000 psi. 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 construction
- 3. Optional crack pressures available on request

Specifications		
Size (in)	Max Pressure (psi)	Rated Flow (gpm)
1/4	5000	3
3/8	5000	8
1/2	5000	12
3/4	5000	20
1	5000	30

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

CPIFF 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			
1/4	CPIFF-2P-**	1/4 - 18 NPSF	1.97	3/4	Fluorocarbon	5, 15, 25, 65	5000
3/8	CPIFF-3P-**	3/8 - 18 NPSF	2.60	1	Fluorocarbon	5, 15, 25, 65	5000
1/2	CPIFF-4P-**	1/2 - 14 NPSF	3.25	1-1/4	Fluorocarbon	5, 15, 25, 65	5000
1/2	CPIFF-8S-**	3/4 - 16 UNF	3.25	1-1/4	Fluorocarbon	5, 15, 25, 65	5000
3/4	CPIFF-6P-**	3/4 - 14 NPSF	4.33	1-3/8	Fluorocarbon	5, 15, 25, 65	5000
3/4	CPIFF-12S-**	1-1/16 - 12 UN	4.33	1-3/8	Fluorocarbon	5, 15, 25, 65	5000
1	CPIFF-8P-**	1 - 11-1/2 NPSF	4.78	1-3/4	Fluorocarbon	5, 15, 25, 65	5000
1	CPIFF-16S-**	1-5/16 - 12 UN	4.78	1-3/4	Fluorocarbon	5, 15, 25, 65	5000