

Inline Check Valve Hydraulic (Metro)

Functional Symbol:



Description:

Hydraulic inline check valve

FC- Inline Check Valve, male/female design



FCF- In line Check Valve, female/female design.



Operation:

FC-FCF line check valves, is a hydraulic flow control valve that allows free flow in one direction and checked flow in the opposite direction.

Features:

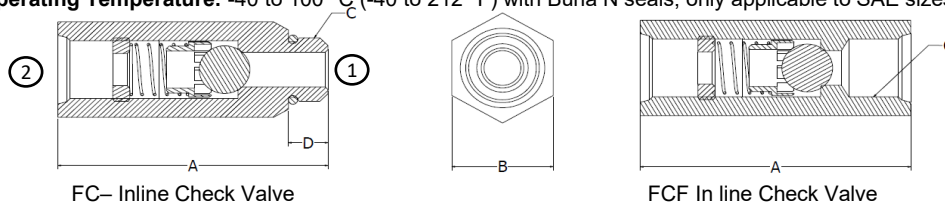
- Inline check valve—back flow prevention
- Inline valve will operate satisfactorily when mounted in any position in your hydraulic system.
- One piece zinc plated steel body for extra strength and reliability in rugged applications.
- All in line valves are made in the U.S.A.

Ratings:

Pressure Rating: 3000 psi (207 bar)

Operating Temperature: -40 to 100° C (-40 to 212° F) with Buna N seals, only applicable to SAE sizes.

Technical:



FC "A" Length Inch, (MM)	FCF "A" Length Inch, (MM)	"B" Hex Size Inch, (MM)	"C" Threads	"D" Length Inch, (MM)	"E" Weight Ounces, (kg)
3.0, (76.2)	3.0, (76.2)	1.12 (28.5)	08- SAE #8	.44 (11.2)	8 (.23)
3.0, (76.2)	3.38, (85.9)	1.13 (28.6)	10- SAE #10	.50 (12.7)	8 (.23)
3.0, (76.2)	3.0, (76.2)	1.00 (25.4)	38- 3/8-18 NPT	.75 (19.1)	9 (.23)
3.0, (76.2)	3.0, (76.2)	1.06 (26.9)	40- 3/8 -18 NPT male to 1/2 -14 NPT female	.75 (19.1)	9 (.23)
3.0, (76.2)	3.0, (76.2)	1.06 (26.9)	50- 1/2 -14 NPT	.81 (20.6)	9 (.23)
3.38, (85.9)	3.68, (93.5)	1.38 (35.1)	60-3/4 -14 NPT	.81 (20.6)	16 (.45)

Ordering Information:



Model Number	"C" Threads	Reverse Flow	Crack Pressure
FC -Check Valve (Male to Female)	08- SAE #8	Blank - Flow 1 to 2 R - Reverse, Flow 2 to 1	Blank - 1 psi (.07 bar)
	10- SAE #10		05 -05 psi (.35 bar)
	38- 3/8-18 NPT		15 -15 psi (1.03 bar)
FCF - Check Valve (Female to Female)	40- 3/8 -18 NPT male to 1/2 -14 NPT female	Blank Flow 1 to 2	30 -30 psi (2.07 bar)
	50- 1/2 -14 NPT		50 -50 psi (3.45 bar)
	60-3/4 -14 NPT		