

Phone: 320-743-2276

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Inline Restrictor Valve (Throttle) Hydraulic

Functional Symbol:

Description:

Description

FR - Inline Restrictor Valve, male/female design

Hydraulic Inline Restrictor Valve (Throttle Valve)



FRF- Inline Restrictor Valve, female/female design.



Operation:

The FR-FRF Inline Restrictor (throttle) Valves, is a hydraulic flow control valve that allows free flow in one direction and restricted flow in the opposite direction.

Features:

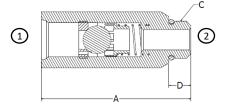
- Inline restrictor valve helps with more accurate control of a double– acting cylinder by pressuring both sides of the piston, reducing cavitation of cylinders and motors or speed control of cylinders and motors.
- This inline valve will operate satisfactorily when mounted in any position in your hydraulic system.
- One piece zinc plated steel and body for extra strength and reliability in rugged application.
- All in line valves are made in the U.S.A and available for fast delivery.

Ratings:

Operating Pressure: 3000 psi (207 bar)

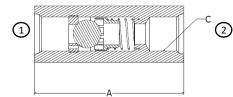
Operating Temperature: -40 to 100° C (-40 to 212° F) with Buna N seals, only applicable to SAE sizes.

Technical:









FRF Inline Restrictor Valve

| FR "A" Length Inch, (MM) | FRF "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) | 1.00 (25.4) | 10- SAE #10 | .75 (19.1) | 8 (.23) |
| 3.38, (85.9) | 3.68, (93.5) | 1.38 (35.1) | 12- SAE #12 | .81 (20.6) | 16 (.45) |
| 3.0, (76.2) | 3.0, (76.2) | 1.06 (26.9) | 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) |

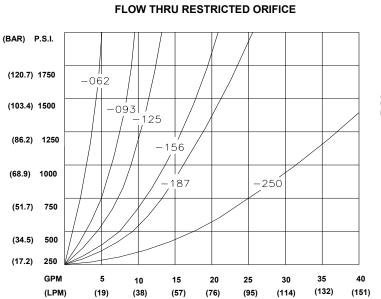


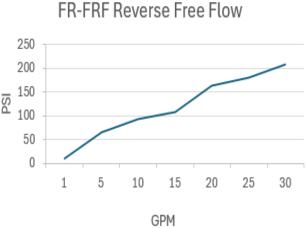
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Ordering Information:

