

General Description

Series CFDA flow controls offer a dependable means of obtaining flow adjustment up to 56.25 LPM (15 GPM). It provides easy manual control where frequent flow change is required. Pressure compensation provides a smooth, constant output flow regardless of pressure changes at the controlled flow port.

Operation

Flow enters the valve through the inlet. Rotating the adjusting knob varies the flow from the controlled flow port. When controlled flow demand is satisfied, the balance of the inlet flow passes through the excess flow port and returns to the tank. The excess flow port is not a work port and must not be pressurized.

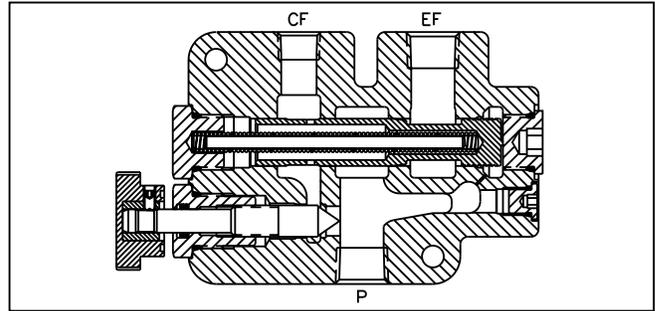
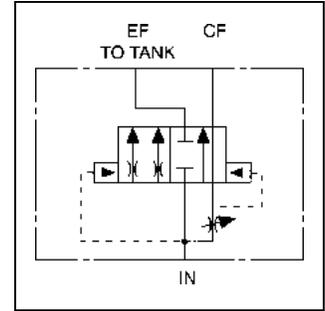
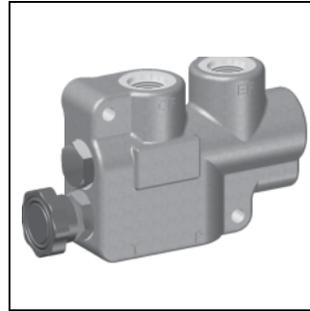
Flow through the controlled port can be reversed, but is not pressure compensated.

Features

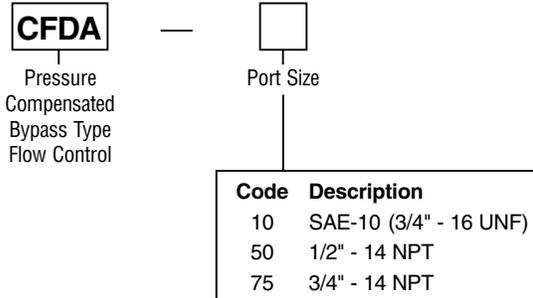
- Adjustable flow rate
- Cross drilled spool provides extremely accurate metering
- Hardened metering spool
- High tensile, cast iron body

Specifications

Input Flow	56.25 LPM (15 GPM)
Operating Pressure SAE Ports NPTF Ports	177 Bar (2500 PSI) 138 Bar (2000 PSI)
Flow Adjustment Range	6 turns of knob from minimum to maximum flow
Operating Temperature Range (Ambient)	Nitrile Seals: -40°C to +93°C (-40°F to +200°F)
Material	Body – High strength cast iron
Filtration	ISO Code 16/13 SAE Class 4 or better
Mounting Position	In-line; no restrictions



Ordering Information



Service Parts

Knob	03236001
Seal Knob Cap	3910N-7

Note: The body and the internal parts are non-service items.

Inch equivalents for millimeter dimensions are shown in (**)

