

# 300 SERIES

DEMAND FLOW REGULATOR

## Features

Regulator remains off until suction from a sample draw pump opens the diaphragm. Typical suction activation is 7 millibar or less, which conveniently matches the range of pumps in sample draw instruments.

The regulator automatically adjusts the flow rate, to match the exact requirement of the sample draw.

Configurable for use on portable and high pressure cylinders.

Suitable for reactive and non-reactive gases.



## Applications

- ✓ Portable gas detectors with sample draw pumps
- ✓ Fixed gas sampling systems
- ✓ Docking stations for portable instruments

# Specifications

## Maximum Inlet Pressure

3000 psig

## Inlet Fitting

1/4" NPTF

## Demand Pressure

<750 Pascal

## Bonnet

6061-T6 Aluminium

## Gauge

0-3000 psig

## Temperature Operating Range

-15 °C to 60 °C

## Outlet Fitting

3/16" Hose barb

## Body

6061-T6 Aluminium

## Seat

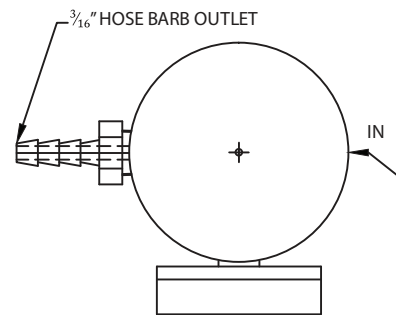
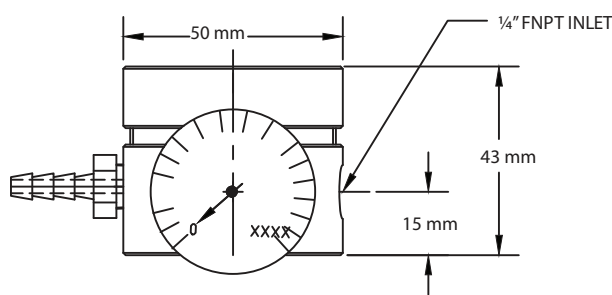
Teflon®

## O-Ring Seal

Viton®

## Diaphragm

Buna-N



# Ordering Information

Part number	Description
DFR-C10	Demand flow regulator C10 (5/8-18UNF) Inlet, 0-1000 PSIG gauge and 3/16" Hosebarb outlet
DFR-330	Demand flow regulator - High pressure - Inlet CGA 330 - 0-3000 PSIG - Outlet 3/16" Hosebarb
DFR-350	Demand flow regulator - High pressure - Inlet CGA 350 - 0-3000 PSIG - Outlet 3/16" Hosebarb
DFR-580	Demand flow regulator - High pressure - Inlet CGA 580 - 0-3000 PSIG - Outlet 3/16" Hosebarb
DFR-590	Demand flow regulator - High pressure - Inlet CGA 590 - 0-3000 PSIG - Outlet 3/16" Hosebarb
DFR-660	Demand flow regulator - High pressure - Inlet CGA 660 - 0-3000 PSIG - Outlet 3/16" Hosebarb
DFR-705	Demand flow regulator - High pressure - Inlet CGA 705 - 0-3000 PSIG - Outlet 3/16" Hosebarb