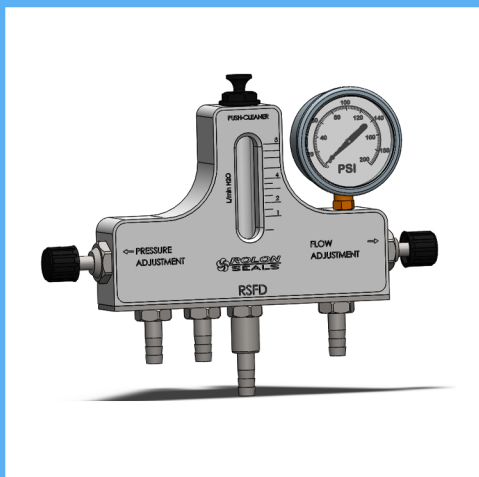


# Flow Control Device

## Seal Support System



### Product Description

1. Flow Control Device is specifically designed to supply uninterrupted, regulated seal flush water and deliver operational efficiency to the pump population can also regulate flow and pressure and is ideal for single & dual seals installations, or when inboard seal failure detection is of less importance
2. The clog resistant valve construction combined with a simple measuring principle and wide flow channels have especially been optimized to withstand contaminated seal water

### Technical Features

1. Managing flow rates while regulating important pressure differentials is possible.
2. Costly seal failures are reduced while assisting in plant water conservation initiatives.
3. It is designed to measure flow entering and exiting a dual seal installation.
4. This capability allows for early detection of leakage into the process stream as a result of inboard seal failure.

### Typical Industrial Application

Pulp & Paper Industry  
Water & Waste water Industry  
General Industry  
Single and double mechanical seals  
Gland packings  
Flush water  
Purging  
Other flow measurement

### Advantages

Built-in pressure regulator  
Innovative plunger cleaner  
Oil filled pressure gauge  
Rugged, compact design  
Tamper proof locking system  
Alarm sensor-ready  
Excellent corrosion resistance  
Rebuild kits available  
Optional barb or compression fittings

### Operating Parameters

**Flow Rate :** 0,1 - 3 liters/min / 2 - 50 US gallons per hour  
**Pressure Limits :** 10 bar g / 145 psig\*  
**Temperature Limits :** 100°C / 212°F

### Materials of Construction

**Flowmeter Tubes :** Polysulfone (PSU)  
**Body of Unit :** Polyoxymethylene (POM)  
Stainless Steel Case  
**O-rings :** Fluorocarbon (FKM)  
**Pressure Gauge :**  
Oil filled with 316SS and Wetted Parts, 1/4" - NPT Bronze fitting  
**Pressure Regulating Valve :**  
316 Stainless Steel / EN 1.4401  
**Flow Rate Regulating Valve :**  
316 Stainless Steel / EN 1.4401  
**Clean-out Plugs :**  
320 - 3/8" Tube Fittings  
(for compression connections) 316 - Optional Barb Fittings  
**Mounting Bracket :**  
316 Stainless Steel / EN 1.4401

