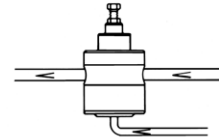


# BACK PRESSURE REGULATORS

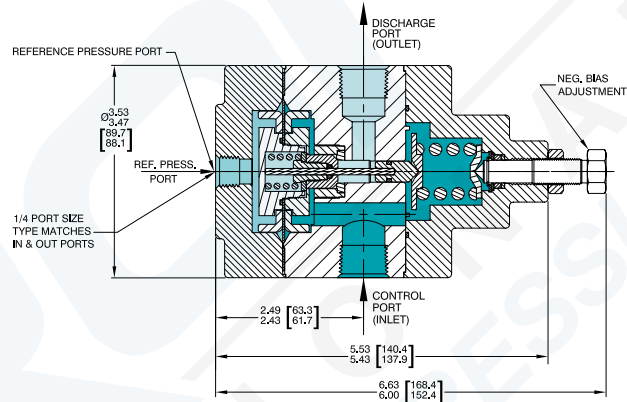
Back Pressure Regulator

26-2900

## Typical Installations



- Constant bias applications such as offshore diving apparatus
- Dumping exhaled breath out of a pressure chamber (BIBS)



### Features

- Balanced stem design eliminates the need to adjust bias over a wide range of operating pressures
- High flow capacity: Cv =2.0
- Diaphragm sensed
- Low accumulation
- Mounts in any position
- Choice of stainless steel or brass construction

Specifications	
Operating Parameters Pressure rating per criteria of ANSI/ASME B31.3	
Maximum Rated Control Pressure	1000 PSIG
Maximum Rated Reference Pressure	1000 PSIG
Bias Pressure Ranges	0, 0-15, 0-30 PSIG
Design Proof Pressure	150% Maximum Rated Pressure
Leakage	Bubble-tight
Operating Temperature	0° F to +165° F (-18° C to +74° C)
Flow Capacity	Cv = 2.0
Crack-to-Reseat Differential	0-15 PSIG range 3 PSIG 0-30 PSIG range 5 PSIG
Media Contact Materials	
Body	303 Stainless Steel or Brass
Seat	CTFE
Diaphragm	(unreinforced) Viton-A®
O-rings	Viton-A®
Back-up rings	Teflon®
Remaining Parts	300 Series Stainless Steel and Brass
For other materials, please consult Amron International	
Cleaning	CGA 4.1 and ASTM G93
Weight Stainless	10.0 lbs (4.50 kg)
Weight Brass	10.5 lbs (4.75 kg)
Pressure Conversion	14.5 PSIG = 1 bar 145 PSIG = 1 MPa

Part No.

26-29 1 2 - 2 8 2 A

<b>Basic Series</b> 26-29	<b>Flow Capacity</b> A Cv=2.0
<b>Body Material</b> 1 Brass 2 303 Series Stainless Steel	<b>Bias Mode</b> 2 Negative
<b>Bias Pressure Range</b> 0 Zero bias 1 0-15 PSIG 2 0-30 PSIG Inlet pressures 0-500 PSIG 0-25 PSIG Inlet pressures 500-1000 PSIG	<b>Inlet and Outlet Size</b> 8 1/2 in.
	<b>Inlet and Outlet Port Type</b> 1 SAE 2 NPT 3 MS33649 9 BSP

Accessories		
Part No.	Standard Repair Kit	Soft Good Kits
26-2912-282A	389-2809	389-1913

TESCOM

EMERSON  
Process Management

For more repair kits and soft good options contact your Amron International representative at 760.208.6500

Domestic U.S.: 1.877.462.6700  
International: 1.760.208.6500