

Back Pressure Regulator

Forbes Marshall Back Pressure Regulator

The Forbes Marshall Back Pressure Regulator (BPR) ensures priority sample flow to analyzers.

It works in a reverse manner to that of a pressure regulator. That means, it provides constant upstream pressure conditions irrespective of fluctuations. For analyzers, constant, regulated pressures as well as flow conditions are always required to be maintained.

The BPR ensures extremely stable conditions for the analyzers, resulting in accurate, reliable and stable performance for these analyzers.

The output of a pressure regulator is usually maintained at a higher level, while that of the Back Pressure Regulator is kept at a lower condition (usually 90 to 95% of the pressure regulator output). The difference between the two is bled through a needle valve and is available for the lab person for collection of the sample.

Features

A precision engineered product

Works in an opposite manner to that of a pressure regulator

Maintains constant flow and pressure conditions for analyzer

Proprietary Forbes Marshall design



Specifications

Stainless steel (SS-316) housing

Set pressure : adjustable between 0 to 6 Kg/Cm²

Inlet pressure : 3 Kg/Cm²

Set pressure : 2.5 Kg/Cm²

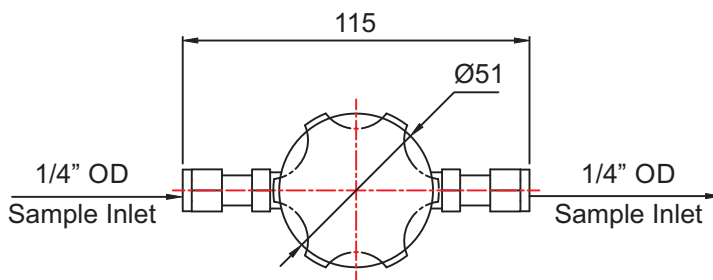
Flow: 100 LPH (max.)

Inlet / outlet connection : 1/4" OD
(Double ferrule compression type)

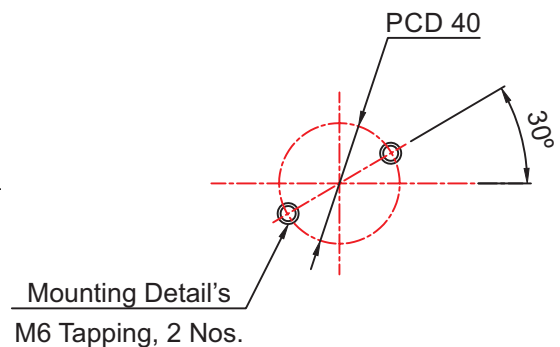
Ordering Codes

Sr. No.	Ordering code	Description
1	FGF4W2011720	Diaphragm type back pressure regulator 1/4" OD - SS 316

Dimensions



TOP VIEW



MOUNTING DETAILS - HOLES



Forbes Marshall
Krohne Marshall
Forbes Marshall Arca
Codel International
Forbes Solar
Forbes Vyncke
Forbes Marshall Steam Systems

Opp 106th Milestone
Bombay Poona Road
Kasarwadi, Pune - 411 034. INDIA
Tel : 91(0)20-27145595, 39858555
Fax : 91(0)20-27147413

Email : swasmktg@forbesmarshall.com, ccmidc@forbesmarshall.com

B-85, Phase II, Chakan Indl Area
Sawardari, Chakan, Tal. Khed
Dist. Pune - 410 501. INDIA
Tel : 91(0)2135-393400

A-34/35, MIDC H Block
Pimpri, Pune - 411 018. INDIA.
Tel : 91(0)20-27442020, 39851199
Fax : 91(0)20-27442040
CIN No.: U28996PN1985PTC037806
www.forbesmarshall.com

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