

AIR LINE REGULATOR

**HIGH CAPACITY SERIES :- A118 / A119
PILOT REGULATOR :- A119 x 20
SERVICE : COMPRESSED AIR / GASES**



Application

Airmatic high capacity regulators are designed for the most rigorous general purpose applications. They meet flow requirements up to 800 scfm and easily accommodate supply pressure of 12Kg/cm² reduced to 9Kg/cm². This performance results from extremely large orifice & flow ports, balance disc & efficient aspirator. Ideal for application in continuous service where pressure must be held accurately over a wide variation of flow. These regulator are adapted for control by a remote or distant located small pilot regulator.

Technical Data

Material Specification

	Spring Loaded	Pilot Dome
Body	Carbon Steel Epoxy Powder	Diecast Aluminium
Strainer	St. Steel 304	
Bottom Plug	Steel	Aluminium
Seat & Disc	Brass	
Spring	Main	Spring Steel
	Valve	St. Steel 304

Features * * * * *

- Bottom plug removable for easy servicing.
- G1/4 Gauge ports for secondary pressure Monitoring.
- Renewable brass seat.
- Standardly supplied with St. Steel strainer.

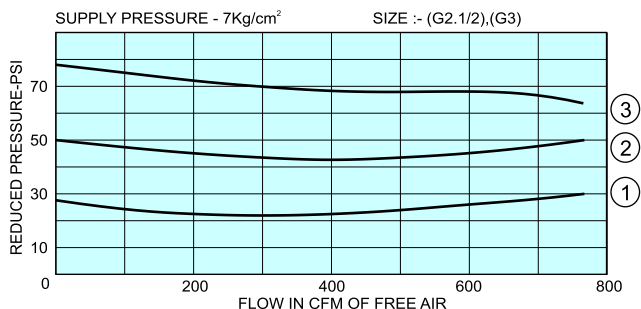
Ordering References

SIZES	MODELS		
	Relieving	NonRelieving	Pilot Dome
G2.1/2	A 119-203	A 118-203	A 119x20-203
G3	A 119-243	A 118-243	A 119x20-243

Reduced Pressure Range

Available in three ranges :- Suffix
 1. For 0 - 2 kg/cm² (0-30 psi)
 2. For 0 - 4 kg/cm² (0-60 psi)
 * 3. For 0 - 9 kg/cm² (0-125 psi)
 * Unless otherwise specified, 0-9 Kg/cm² (0-125) PSI will be supplied.

Flow Curve



Airmatic



Condition of use

Max. Supply Pressure	12 Kg/cm ²
Max. Op. Temp.	70°C

Service Kits

	Spring Loaded	Pilot Dome
	G 2.1/2-G 3	G 2
Service Kits * Relieving	SRC-OR	SPRD-OR
Non-Relieving	SRC-ONR	SPRD-ONR
Diaphragm Assy.*	SRB-04R	SRB-04P
		SRB-04R

* Relieving Standard.

Accessories & Options

Pressure Gauge - Specify Suffix-GB3 (50mm Dial G1/4 Back Connection.) Range 0-150 Psig.

Model Ordering Code Instruction

A119 - 24 - BSTF - 3 - GB3

Type: Pressure Regulator
 A119 - Relieving
 A118 - Non Relieving

Sizes: 20-G2.1/2
 24-G3

Pr. Range: 3 - 0-9 Kg/cm²

Pr. Gauge: GB 3-0-10.6 Kg/cm²

Blank -Relieving
 A -Non Relieving

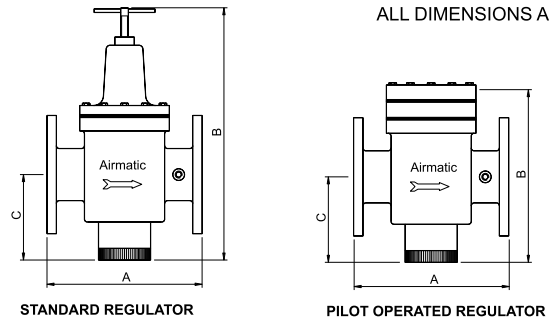
Design: Blank - Spring Loaded
 20 - Pilot Operated

Connection: Blank - BSPF Threaded
 BSTF - BSTF Flange
 ASA150 - ASA150 Flange

Dimensions & Weight

SIZES	DIMENSIONS			
	A	B	C	Wt. Kgs.
G2.1/2	281	426	145	16
G3	281	301	145	17.5

ALL DIMENSIONS ARE IN MM.



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